

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080767.D
 Acq On : 26 Jan 2024 12:53
 Operator : JC\MD
 Sample : VN0126WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBS01

Quant Time: Jan 29 02:28:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

01/29/2024
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	150965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	260204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98350	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	118967	44.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.740%
35) Dibromofluoromethane	8.171	113	86309	51.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.571	98	351032	55.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.040%
62) 4-Bromofluorobenzene	12.853	95	119755	48.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	32376	13.201	ug/l	99
3) Chloromethane	2.359	50	45370	16.196	ug/l	92
4) Vinyl Chloride	2.512	62	36344	16.333	ug/l	99
5) Bromomethane	2.954	94	14751	17.441	ug/l	92
6) Chloroethane	3.118	64	19978	16.520	ug/l	99
7) Trichlorofluoromethane	3.495	101	49223	13.395	ug/l	96
8) Diethyl Ether	3.959	74	25455	15.850	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.359	101	30416	15.186	ug/l	93
10) Methyl Iodide	4.589	142	22984	13.723	ug/l	98
11) Tert butyl alcohol	5.530	59	35850m	79.960	ug/l	
12) 1,1-Dichloroethene	4.330	96	31856	14.134	ug/l	91
13) Acrolein	4.189	56	31274	83.482	ug/l	99
14) Allyl chloride	5.012	41	65187	14.590	ug/l #	87
15) Acrylonitrile	5.718	53	104374	89.148	ug/l	96
16) Acetone	4.430	43	72194	82.946	ug/l	92
17) Carbon Disulfide	4.712	76	89963	13.050	ug/l	100
18) Methyl Acetate	5.018	43	48078	18.550	ug/l #	79
19) Methyl tert-butyl Ether	5.789	73	111511	14.358	ug/l #	80
20) Methylene Chloride	5.265	84	36665	14.430	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	33886	14.822	ug/l #	77
22) Diisopropyl ether	6.677	45	143425	17.023	ug/l #	88
23) Vinyl Acetate	6.606	43	567831	82.805	ug/l #	81
24) 1,1-Dichloroethane	6.565	63	74323	16.115	ug/l	94
25) 2-Butanone	7.489	43	143705	91.341	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	60633	15.032	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	42006	16.667	ug/l	77
28) Bromochloromethane	7.812	49	59244	27.477	ug/l #	58
29) Tetrahydrofuran	7.836	42	96715	91.204	ug/l #	69
30) Chloroform	7.965	83	66924	15.479	ug/l	97
31) Cyclohexane	8.259	56	66347	16.199	ug/l #	76
32) 1,1,1-Trichloroethane	8.177	97	55142	14.327	ug/l	91
36) 1,1-Dichloropropene	8.371	75	51606	15.057	ug/l	93
37) Ethyl Acetate	7.559	43	58369	17.562	ug/l #	88
38) Carbon Tetrachloride	8.365	117	44182	14.357	ug/l	96
39) Methylcyclohexane	9.606	83	50239	15.317	ug/l #	86
40) Benzene	8.606	78	161182	16.728	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
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01/29/2024
 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	33825	17.546	ug/l	#	79
42) 1,2-Dichloroethane	8.671	62	52623	14.266	ug/l		99
43) Isopropyl Acetate	8.694	43	102041	16.703	ug/l	#	89
44) Trichloroethene	9.353	130	33506	15.361	ug/l		93
45) 1,2-Dichloropropane	9.624	63	42940	16.810	ug/l		98
46) Dibromomethane	9.712	93	25887	16.018	ug/l		92
47) Bromodichloromethane	9.888	83	52332	14.589	ug/l	#	97
48) Methyl methacrylate	9.683	41	49538	17.127	ug/l	#	71
49) 1,4-Dioxane	9.700	88	13221	366.849	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.447	43	297964	90.407	ug/l		87
52) Toluene	10.635	92	92410	16.740	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	62108	15.599	ug/l		92
54) cis-1,3-Dichloropropene	10.318	75	68574	16.241	ug/l	#	84
55) 1,1,2-Trichloroethane	11.018	97	35176	16.555	ug/l		90
56) Ethyl methacrylate	10.877	69	60319	15.849	ug/l	#	77
57) 1,3-Dichloropropane	11.165	76	67011	17.275	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	135475	74.319	ug/l	#	84
59) 2-Hexanone	11.200	43	218940	89.987	ug/l		86
60) Dibromochloromethane	11.365	129	33152	15.181	ug/l		98
61) 1,2-Dibromoethane	11.471	107	33109	15.851	ug/l		99
64) Tetrachloroethene	11.106	164	25636	14.346	ug/l		93
65) Chlorobenzene	11.894	112	92132	16.206	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	29619	14.674	ug/l		95
67) Ethyl Benzene	11.965	91	170969	15.750	ug/l		95
68) m/p-Xylenes	12.076	106	124275	32.563	ug/l		95
69) o-Xylene	12.400	106	59697	15.998	ug/l		94
70) Styrene	12.412	104	97664	15.413	ug/l		95
71) Bromoform	12.582	173	19627	14.134	ug/l	#	93
73) Isopropylbenzene	12.700	105	147367	15.757	ug/l		100
74) N-amyl acetate	12.494	43	90576	16.138	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	51642	16.833	ug/l		95
76) 1,2,3-Trichloropropane	12.994	75	51993m	17.144	ug/l		
77) Bromobenzene	12.982	156	30465	15.337	ug/l		67
78) n-propylbenzene	13.041	91	177497	15.471	ug/l		94
79) 2-Chlorotoluene	13.129	91	108642	14.776	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	118442	15.196	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	18225	14.167	ug/l	#	81
82) 4-Chlorotoluene	13.223	91	108270	15.021	ug/l		94
83) tert-Butylbenzene	13.441	119	95742	15.366	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	120560	15.730	ug/l		99
85) sec-Butylbenzene	13.618	105	137321	15.511	ug/l		96
86) p-Isopropyltoluene	13.735	119	107568	15.384	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	55649	15.685	ug/l		98
88) 1,4-Dichlorobenzene	13.818	146	54898	15.188	ug/l		97
89) n-Butylbenzene	14.059	91	102120	15.152	ug/l		96
90) Hexachloroethane	14.335	117	19375	14.942	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	51942	15.536	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8956	12.475	ug/l		88
93) 1,2,4-Trichlorobenzene	15.400	180	25528	14.661	ug/l		98
94) Hexachlorobutadiene	15.506	225	11529	13.797	ug/l		93
95) Naphthalene	15.647	128	101456	14.805	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	24641	14.620	ug/l		93

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Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

