

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085039.D
 Acq On : 26 Nov 2024 13:44
 Operator : JC\MD
 Sample : VN1126WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111008	54.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.180%
35) Dibromofluoromethane	8.159	113	86701	52.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	299913	50.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.847	95	112610	50.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26628	16.495	ug/l	99
3) Chloromethane	2.359	50	32238	17.218	ug/l	95
4) Vinyl Chloride	2.512	62	28759	17.092	ug/l	98
5) Bromomethane	2.901	94	16682	17.688	ug/l	92
6) Chloroethane	3.077	64	19118	16.857	ug/l	93
7) Trichlorofluoromethane	3.471	101	50800	17.748	ug/l	99
8) Diethyl Ether	3.953	74	20073	20.604	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	29219	17.998	ug/l	99
10) Methyl Iodide	4.577	142	40741	18.959	ug/l	91
11) Tert butyl alcohol	5.536	59	33369	122.791	ug/l	97
12) 1,1-Dichloroethene	4.324	96	26695	17.617	ug/l	90
13) Acrolein	4.177	56	23288	128.426	ug/l	95
14) Allyl chloride	5.006	41	48066	18.816	ug/l	95
15) Acrylonitrile	5.718	53	85896	111.643	ug/l	99
16) Acetone	4.430	43	71066	119.990	ug/l	98
17) Carbon Disulfide	4.700	76	69093	15.448	ug/l #	95
18) Methyl Acetate	5.024	43	45138	23.230	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	103958	20.997	ug/l	100
20) Methylene Chloride	5.259	84	34836	19.275	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	29026	18.202	ug/l	95
22) Diisopropyl ether	6.671	45	105988	20.615	ug/l	94
23) Vinyl Acetate	6.600	43	385417	108.662	ug/l	98
24) 1,1-Dichloroethane	6.571	63	60068	19.523	ug/l #	97
25) 2-Butanone	7.483	43	109592	113.179	ug/l	99
26) 2,2-Dichloropropane	7.488	77	50027	17.413	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	36668	19.074	ug/l	97
28) Bromochloromethane	7.806	49	26171	22.534	ug/l	96
29) Tetrahydrofuran	7.841	42	70821	117.612	ug/l	98
30) Chloroform	7.965	83	62809	19.191	ug/l	99
31) Cyclohexane	8.253	56	43980	16.235	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	54399	18.394	ug/l	96
36) 1,1-Dichloropropene	8.365	75	38171	17.104	ug/l	100
37) Ethyl Acetate	7.559	43	46501	22.919	ug/l	98
38) Carbon Tetrachloride	8.359	117	46812	18.172	ug/l	89
39) Methylcyclohexane	9.600	83	39091	16.856	ug/l	97
40) Benzene	8.600	78	133991	18.983	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25167	22.403	ug/l	97
42) 1,2-Dichloroethane	8.671	62	47916	19.842	ug/l	99
43) Isopropyl Acetate	8.688	43	77282	18.338	ug/l	99
44) Trichloroethene	9.347	130	28985	17.670	ug/l	100
45) 1,2-Dichloropropane	9.618	63	33039	19.004	ug/l	92
46) Dibromomethane	9.706	93	24823	20.548	ug/l	98
47) Bromodichloromethane	9.882	83	48958	19.121	ug/l	98
48) Methyl methacrylate	9.677	41	34837	22.214	ug/l	96
49) 1,4-Dioxane	9.694	88	12792	470.352	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	230100	119.536	ug/l	100
52) Toluene	10.624	92	80747	19.323	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	48956	19.072	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	53126	19.508	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	32843	21.101	ug/l	98
56) Ethyl methacrylate	10.871	69	49255	21.656	ug/l	96
57) 1,3-Dichloropropane	11.159	76	56174	20.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	110215	98.790	ug/l	100
59) 2-Hexanone	11.194	43	169501	117.736	ug/l	97
60) Dibromochloromethane	11.359	129	38306	20.137	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33207	20.615	ug/l	100
64) Tetrachloroethene	11.100	164	25046	17.171	ug/l	93
65) Chlorobenzene	11.894	112	87409	17.805	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	32401	18.746	ug/l	98
67) Ethyl Benzene	11.965	91	140498	17.641	ug/l	100
68) m/p-Xylenes	12.070	106	109412	36.083	ug/l	99
69) o-Xylene	12.400	106	54502	18.896	ug/l	98
70) Styrene	12.412	104	91816	19.142	ug/l	99
71) Bromoform	12.576	173	26805	20.893	ug/l #	99
73) Isopropylbenzene	12.694	105	132755	17.391	ug/l	100
74) N-amyl acetate	12.494	43	62970	20.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	50599	19.411	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40632m	20.644	ug/l	
77) Bromobenzene	12.982	156	36132	17.589	ug/l	93
78) n-propylbenzene	13.035	91	155410	17.651	ug/l	99
79) 2-Chlorotoluene	13.123	91	104984	17.862	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	119023	18.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16680	18.708	ug/l	99
82) 4-Chlorotoluene	13.223	91	104480	17.076	ug/l	99
83) tert-Butylbenzene	13.441	119	98995	17.962	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	119771	18.164	ug/l	98
85) sec-Butylbenzene	13.617	105	131666	17.684	ug/l	99
86) p-Isopropyltoluene	13.729	119	108682	17.683	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	66961	16.526	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	65064	15.735	ug/l	97
89) n-Butylbenzene	14.053	91	89788	15.709	ug/l	98
90) Hexachloroethane	14.335	117	22324	16.664	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	65426	16.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9392	18.632	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	31113	14.750	ug/l	99
94) Hexachlorobutadiene	15.500	225	14791	15.194	ug/l	97
95) Naphthalene	15.641	128	98698	16.428	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31849	15.824	ug/l	99

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

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