

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082744.D
 Acq On : 28 Jun 2024 11:55
 Operator : JC\MD
 Sample : VN0628WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 23:02:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	107608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	187298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	174493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84006	50.622	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.240%			
35) Dibromofluoromethane	8.171	113	64402	52.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	10.565	98	236004	51.175	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.853	95	78504	49.568	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30127	18.340	ug/l	93
3) Chloromethane	2.359	50	32953	19.166	ug/l	98
4) Vinyl Chloride	2.512	62	34093	18.713	ug/l	93
5) Bromomethane	2.959	94	23449	18.091	ug/l	85
6) Chloroethane	3.124	64	23158	18.022	ug/l	96
7) Trichlorofluoromethane	3.495	101	41817	18.517	ug/l	99
8) Diethyl Ether	3.959	74	14455	20.466	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	23869	18.526	ug/l	97
10) Methyl Iodide	4.589	142	21192	17.939	ug/l	95
11) Tert butyl alcohol	5.524	59	23339	88.048	ug/l	99
12) 1,1-Dichloroethene	4.342	96	21889	18.213	ug/l	94
13) Acrolein	4.177	56	17122	106.182	ug/l	98
14) Allyl chloride	5.024	41	34567	19.143	ug/l #	96
15) Acrylonitrile	5.724	53	63353	89.850	ug/l	99
16) Acetone	4.430	43	54940	87.382	ug/l	95
17) Carbon Disulfide	4.712	76	69080	17.550	ug/l	96
18) Methyl Acetate	5.036	43	28796	17.228	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	76101	19.098	ug/l	100
20) Methylene Chloride	5.283	84	27731	17.430	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	24065	18.557	ug/l	86
22) Diisopropyl ether	6.677	45	84152	20.031	ug/l	98
23) Vinyl Acetate	6.606	43	326275	97.273	ug/l	97
24) 1,1-Dichloroethane	6.571	63	49091	19.248	ug/l	98
25) 2-Butanone	7.483	43	85238	88.737	ug/l	91
26) 2,2-Dichloropropane	7.489	77	40450	24.720	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	29816	19.540	ug/l	90
28) Bromochloromethane	7.812	49	21245	19.045	ug/l	88
29) Tetrahydrofuran	7.841	42	55002	88.798	ug/l	88
30) Chloroform	7.971	83	50942	18.735	ug/l	99
31) Cyclohexane	8.259	56	40237	17.209	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	45019	18.752	ug/l	94
36) 1,1-Dichloropropene	8.371	75	34572	19.505	ug/l	99
37) Ethyl Acetate	7.565	43	35459	18.510	ug/l	98
38) Carbon Tetrachloride	8.365	117	38115	18.386	ug/l	95
39) Methylcyclohexane	9.606	83	33921	18.433	ug/l	96
40) Benzene	8.606	78	110731	19.043	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20042	20.290	ug/l	98
42) 1,2-Dichloroethane	8.671	62	39831	19.076	ug/l	97
43) Isopropyl Acetate	8.694	43	61948	18.591	ug/l #	94
44) Trichloroethene	9.353	130	25206	18.671	ug/l	97
45) 1,2-Dichloropropane	9.624	63	27503	19.516	ug/l	98
46) Dibromomethane	9.712	93	20153	19.578	ug/l	97
47) Bromodichloromethane	9.888	83	41072	19.582	ug/l	93
48) Methyl methacrylate	9.683	41	27159	18.422	ug/l	89
49) 1,4-Dioxane	9.694	88	10380	352.792	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	185767	94.807	ug/l	96
52) Toluene	10.630	92	68086	19.941	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39906	20.116	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	44020	21.106	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	25749	19.448	ug/l	98
56) Ethyl methacrylate	10.871	69	38777	19.474	ug/l	89
57) 1,3-Dichloropropane	11.165	76	45371	19.497	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	100480	100.162	ug/l	99
59) 2-Hexanone	11.194	43	134257	92.408	ug/l	95
60) Dibromochloromethane	11.359	129	31030	19.325	ug/l	95
61) 1,2-Dibromoethane	11.471	107	25853	18.585	ug/l	95
64) Tetrachloroethene	11.106	164	24577	18.802	ug/l	95
65) Chlorobenzene	11.894	112	72364	18.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	26165	19.235	ug/l	100
67) Ethyl Benzene	11.965	91	121879	18.867	ug/l	98
68) m/p-Xylenes	12.071	106	92949	38.671	ug/l	98
69) o-Xylene	12.400	106	44044	19.014	ug/l	96
70) Styrene	12.412	104	74346	18.905	ug/l	99
71) Bromoform	12.576	173	20035	18.833	ug/l #	98
73) Isopropylbenzene	12.694	105	108272	18.737	ug/l	97
74) N-amyl acetate	12.494	43	49067	19.025	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	35962	17.738	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	33084m	19.143	ug/l	
77) Bromobenzene	12.976	156	28279	19.693	ug/l	97
78) n-propylbenzene	13.035	91	133644	19.587	ug/l	100
79) 2-Chlorotoluene	13.129	91	81655	19.096	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	94772	19.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	13130	19.813	ug/l	94
82) 4-Chlorotoluene	13.223	91	81097	19.220	ug/l	97
83) tert-Butylbenzene	13.441	119	75290	18.848	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	94365	20.113	ug/l	98
85) sec-Butylbenzene	13.618	105	108019	19.299	ug/l	100
86) p-Isopropyltoluene	13.729	119	89595	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	50971	18.537	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	52106	18.206	ug/l	98
89) n-Butylbenzene	14.059	91	74722	18.817	ug/l	99
90) Hexachloroethane	14.335	117	19580	19.663	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	49000	18.763	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7003	18.334	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	24480	19.202	ug/l	99
94) Hexachlorobutadiene	15.506	225	10454	18.128	ug/l	99
95) Naphthalene	15.641	128	77159	18.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	24600	18.094	ug/l	96

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

