

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083201.D
 Acq On : 10 Aug 2024 12:32
 Operator : JC\MD
 Sample : VN0810WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 12 01:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131175	57.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.920%			
35) Dibromofluoromethane	8.165	113	91154	52.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.820%			
50) Toluene-d8	10.565	98	340795	52.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.847	95	133905	52.936	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33722	18.542	ug/l	97
3) Chloromethane	2.359	50	34129	18.330	ug/l	100
4) Vinyl Chloride	2.512	62	35282	18.571	ug/l	100
5) Bromomethane	2.959	94	22125	18.768	ug/l	96
6) Chloroethane	3.118	64	22971	19.326	ug/l	90
7) Trichlorofluoromethane	3.500	101	61056	19.453	ug/l	97
8) Diethyl Ether	3.965	74	22652	19.396	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	33891	19.586	ug/l	99
10) Methyl Iodide	4.589	142	41907	18.411	ug/l	92
11) Tert butyl alcohol	5.530	59	44413	93.621	ug/l	97
12) 1,1-Dichloroethene	4.341	96	32691	18.389	ug/l	84
13) Acrolein	4.177	56	25400	82.152	ug/l	96
14) Allyl chloride	5.024	41	56204	16.730	ug/l	94
15) Acrylonitrile	5.724	53	97011	99.431	ug/l	98
16) Acetone	4.424	43	87711	98.196	ug/l	98
17) Carbon Disulfide	4.712	76	86008	16.534	ug/l	98
18) Methyl Acetate	5.024	43	53002	19.916	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	127226	19.827	ug/l	98
20) Methylene Chloride	5.277	84	36941	17.970	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	32743	17.820	ug/l	92
22) Diisopropyl ether	6.671	45	124301	19.684	ug/l	97
23) Vinyl Acetate	6.606	43	636955	98.405	ug/l	96
24) 1,1-Dichloroethane	6.571	63	67479	19.604	ug/l	99
25) 2-Butanone	7.482	43	134866	98.333	ug/l	92
26) 2,2-Dichloropropane	7.488	77	62181	19.452	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42570	19.200	ug/l	94
28) Bromochloromethane	7.812	49	29768	21.162	ug/l	88
29) Tetrahydrofuran	7.841	42	86812	97.916	ug/l	89
30) Chloroform	7.965	83	72482	20.269	ug/l	99
31) Cyclohexane	8.253	56	58919	17.417	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	66215	19.562	ug/l	96
36) 1,1-Dichloropropene	8.371	75	49350	18.755	ug/l	99
37) Ethyl Acetate	7.559	43	53754	18.246	ug/l #	97
38) Carbon Tetrachloride	8.365	117	56464	19.053	ug/l	97
39) Methylcyclohexane	9.600	83	59045	18.270	ug/l	95
40) Benzene	8.606	78	151338	19.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30656	18.301	ug/l	96
42) 1,2-Dichloroethane	8.671	62	59737	20.921	ug/l	99
43) Isopropyl Acetate	8.688	43	98842	17.912	ug/l #	95
44) Trichloroethene	9.353	130	35835	19.207	ug/l	95
45) 1,2-Dichloropropane	9.618	63	36654	19.700	ug/l	93
46) Dibromomethane	9.706	93	26827	20.143	ug/l	98
47) Bromodichloromethane	9.888	83	58519	19.569	ug/l	98
48) Methyl methacrylate	9.682	41	45564	18.707	ug/l	92
49) 1,4-Dioxane	9.694	88	16757	381.344	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	281165	100.923	ug/l	94
52) Toluene	10.629	92	94127	19.005	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60133	19.576	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	62682	19.185	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	37158	20.935	ug/l	97
56) Ethyl methacrylate	10.876	69	63349	18.933	ug/l	93
57) 1,3-Dichloropropane	11.165	76	64306	20.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	127808	90.365	ug/l	98
59) 2-Hexanone	11.194	43	212300	98.501	ug/l	93
60) Dibromochloromethane	11.359	129	43479	20.261	ug/l	97
61) 1,2-Dibromoethane	11.470	107	37334	20.023	ug/l	98
64) Tetrachloroethene	11.106	164	30326	18.683	ug/l	95
65) Chlorobenzene	11.894	112	102028	18.837	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35939	18.814	ug/l	98
67) Ethyl Benzene	11.965	91	186219	18.742	ug/l	99
68) m/p-Xylenes	12.070	106	139868	37.579	ug/l	97
69) o-Xylene	12.400	106	68564	18.678	ug/l	99
70) Styrene	12.412	104	116638	18.918	ug/l	98
71) Bromoform	12.576	173	27132	18.749	ug/l #	98
73) Isopropylbenzene	12.694	105	176719	18.575	ug/l	99
74) N-amyl acetate	12.494	43	83269	17.894	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	52616	19.554	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	47222m	18.916	ug/l	
77) Bromobenzene	12.976	156	40469	19.149	ug/l	96
78) n-propylbenzene	13.035	91	210429	19.209	ug/l	99
79) 2-Chlorotoluene	13.123	91	131389	18.918	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	151364	19.004	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19482	16.976	ug/l	99
82) 4-Chlorotoluene	13.223	91	131889	18.932	ug/l	97
83) tert-Butylbenzene	13.441	119	131911	18.701	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151431	18.866	ug/l	100
85) sec-Butylbenzene	13.617	105	180684	18.773	ug/l	99
86) p-Isopropyltoluene	13.729	119	152096	19.139	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	74724	18.791	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	74297	18.532	ug/l	97
89) n-Butylbenzene	14.059	91	129545	18.813	ug/l	99
90) Hexachloroethane	14.329	117	27030	17.605	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	72096	18.735	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12131	18.579	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	40187	18.641	ug/l	99
94) Hexachlorobutadiene	15.500	225	16888	17.614	ug/l	99
95) Naphthalene	15.641	128	137642	18.024	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38859	18.216	ug/l	98

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

