

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081277.D
 Acq On : 01 Mar 2024 11:57
 Operator : JC\MD
 Sample : VN0301WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 22:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	419431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150753	54.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.780%			
35) Dibromofluoromethane	8.165	113	124802	52.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	10.565	98	393600	46.725	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.440%			
62) 4-Bromofluorobenzene	12.847	95	159080	50.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52184	17.846	ug/l	99
3) Chloromethane	2.359	50	52217	15.554	ug/l	89
4) Vinyl Chloride	2.518	62	57229	17.620	ug/l	94
5) Bromomethane	2.971	94	38280	16.593	ug/l #	81
6) Chloroethane	3.124	64	39540	18.269	ug/l	97
7) Trichlorofluoromethane	3.500	101	92702	19.537	ug/l	85
8) Diethyl Ether	3.959	74	32608	18.796	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	53454	20.208	ug/l	91
10) Methyl Iodide	4.589	142	47707	16.157	ug/l #	97
11) Tert butyl alcohol	5.512	59	40931	80.307	ug/l	100
12) 1,1-Dichloroethene	4.347	96	47617	18.622	ug/l	90
13) Acrolein	4.177	56	20327	74.409	ug/l	96
14) Allyl chloride	5.030	41	70186	18.499	ug/l #	87
15) Acrylonitrile	5.718	53	132019	99.178	ug/l	95
16) Acetone	4.424	43	95041	87.153	ug/l	90
17) Carbon Disulfide	4.712	76	105021	14.725	ug/l	96
18) Methyl Acetate	5.018	43	63272	23.784	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	174621	19.939	ug/l	98
20) Methylene Chloride	5.283	84	58413	20.151	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	49823	17.464	ug/l	95
22) Diisopropyl ether	6.671	45	179395	20.844	ug/l #	91
23) Vinyl Acetate	6.606	43	663806	95.064	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	107374	21.577	ug/l	96
25) 2-Butanone	7.482	43	160294	90.986	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	90238	19.353	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	64049	19.324	ug/l	91
28) Bromochloromethane	7.812	49	41446	20.090	ug/l #	69
29) Tetrahydrofuran	7.835	42	106976	90.962	ug/l #	88
30) Chloroform	7.965	83	114124	21.573	ug/l	98
31) Cyclohexane	8.253	56	81014	16.929	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	93919	19.493	ug/l	95
36) 1,1-Dichloropropene	8.377	75	75975	18.698	ug/l	97
37) Ethyl Acetate	7.559	43	72008	19.636	ug/l	98
38) Carbon Tetrachloride	8.359	117	80183	19.505	ug/l	94
39) Methylcyclohexane	9.606	83	83622	17.654	ug/l	88
40) Benzene	8.606	78	235476	20.021	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37627	18.029	ug/l	92
42) 1,2-Dichloroethane	8.671	62	86974	21.196	ug/l	98
43) Isopropyl Acetate	8.688	43	120456	18.781	ug/l #	94
44) Trichloroethene	9.353	130	59168	18.888	ug/l	100
45) 1,2-Dichloropropane	9.624	63	62777	21.338	ug/l	93
46) Dibromomethane	9.706	93	43275	20.188	ug/l	96
47) Bromodichloromethane	9.888	83	86705	21.357	ug/l #	98
48) Methyl methacrylate	9.682	41	54253	18.179	ug/l	88
49) 1,4-Dioxane	9.694	88	20146	340.508	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	362428	98.233	ug/l	96
52) Toluene	10.629	92	142498	19.138	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	89017	19.731	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	96427	19.782	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	59813	20.886	ug/l	91
56) Ethyl methacrylate	10.876	69	81221	18.557	ug/l	92
57) 1,3-Dichloropropane	11.165	76	103438	20.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	221635	100.925	ug/l #	88
59) 2-Hexanone	11.200	43	263318	90.023	ug/l	96
60) Dibromochloromethane	11.365	129	61641	20.261	ug/l	100
61) 1,2-Dibromoethane	11.470	107	57611	19.131	ug/l	93
64) Tetrachloroethene	11.106	164	54515	20.849	ug/l	92
65) Chlorobenzene	11.894	112	150388	18.137	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	58222	19.550	ug/l	96
67) Ethyl Benzene	11.965	91	269917	18.192	ug/l	100
68) m/p-Xylenes	12.070	106	206712	36.347	ug/l	94
69) o-Xylene	12.400	106	101289	17.967	ug/l	98
70) Styrene	12.412	104	166083	18.592	ug/l	96
71) Bromoform	12.576	173	36437	19.284	ug/l #	100
73) Isopropylbenzene	12.694	105	263271	17.336	ug/l	98
74) N-amyl acetate	12.494	43	103786	16.170	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	77331	18.109	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	69499m	17.623	ug/l	
77) Bromobenzene	12.976	156	59753	17.646	ug/l	78
78) n-propylbenzene	13.035	91	320519	18.334	ug/l	96
79) 2-Chlorotoluene	13.123	91	186246	17.368	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	229624	18.649	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	28649	18.698	ug/l #	88
82) 4-Chlorotoluene	13.223	91	190765	18.194	ug/l	94
83) tert-Butylbenzene	13.441	119	185822	17.453	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	222544	18.138	ug/l	96
85) sec-Butylbenzene	13.617	105	273756	18.495	ug/l	95
86) p-Isopropyltoluene	13.729	119	225233	18.320	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	114631	17.917	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	114562	18.223	ug/l	98
89) n-Butylbenzene	14.059	91	198105	18.496	ug/l	97
90) Hexachloroethane	14.335	117	36722	18.070	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	111987	18.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14455	16.281	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	59556	17.300	ug/l	99
94) Hexachlorobutadiene	15.505	225	23261	18.117	ug/l	98
95) Naphthalene	15.641	128	204923	16.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	60560	17.733	ug/l	96

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

