

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083800.D
 Acq On : 11 Sep 2024 17:09
 Operator : JC\MD
 Sample : VN0911WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:10:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116620	54.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.165	113	81513	50.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	10.565	98	295637	53.462	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.847	95	113221	49.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32176	19.612	ug/l	98
3) Chloromethane	2.359	50	34411	19.410	ug/l	99
4) Vinyl Chloride	2.518	62	35470	19.725	ug/l	98
5) Bromomethane	2.900	94	20960	20.301	ug/l	97
6) Chloroethane	3.065	64	25197	19.975	ug/l	99
7) Trichlorofluoromethane	3.465	101	57668	18.893	ug/l	99
8) Diethyl Ether	3.953	74	19757	19.309	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.353	101	31421	19.421	ug/l	98
10) Methyl Iodide	4.577	142	40267	19.569	ug/l	95
11) Tert butyl alcohol	5.541	59	30325	106.314	ug/l #	84
12) 1,1-Dichloroethene	4.330	96	29099	19.045	ug/l	97
13) Acrolein	4.177	56	27975	99.400	ug/l	98
14) Allyl chloride	5.012	41	53221	19.548	ug/l	98
15) Acrylonitrile	5.724	53	81947	105.640	ug/l	98
16) Acetone	4.430	43	73503	86.078	ug/l	97
17) Carbon Disulfide	4.700	76	77029	18.022	ug/l	100
18) Methyl Acetate	5.024	43	41026	22.021	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	107745	19.487	ug/l	98
20) Methylene Chloride	5.265	84	34752	19.888	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	30770	18.791	ug/l	95
22) Diisopropyl ether	6.671	45	111295	19.858	ug/l	96
23) Vinyl Acetate	6.600	43	428568	104.419	ug/l	99
24) 1,1-Dichloroethane	6.559	63	61381	19.010	ug/l	96
25) 2-Butanone	7.483	43	111275	99.147	ug/l	99
26) 2,2-Dichloropropane	7.483	77	53672	18.050	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	37220	19.148	ug/l	96
28) Bromochloromethane	7.806	49	28319	20.826	ug/l	98
29) Tetrahydrofuran	7.841	42	68337	102.976	ug/l	99
30) Chloroform	7.965	83	66204	19.313	ug/l	94
31) Cyclohexane	8.259	56	56515	18.357	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	60940	19.334	ug/l	98
36) 1,1-Dichloropropene	8.371	75	44578	18.516	ug/l	98
37) Ethyl Acetate	7.559	43	46767	21.400	ug/l	99
38) Carbon Tetrachloride	8.359	117	51763	18.951	ug/l	96
39) Methylcyclohexane	9.600	83	51184	18.677	ug/l	96
40) Benzene	8.606	78	136598	18.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26829	20.757	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53302	19.685	ug/l	98
43) Isopropyl Acetate	8.688	43	95154	24.028	ug/l	95
44) Trichloroethene	9.353	130	31576	18.816	ug/l	100
45) 1,2-Dichloropropane	9.624	63	34114	19.478	ug/l	91
46) Dibromomethane	9.706	93	24391	19.882	ug/l	98
47) Bromodichloromethane	9.888	83	51845	19.527	ug/l	99
48) Methyl methacrylate	9.682	41	38249	20.357	ug/l	96
49) 1,4-Dioxane	9.694	88	12303	398.043	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	230454	106.902	ug/l	97
52) Toluene	10.629	92	84688	19.106	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	50033	18.592	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	53618	18.967	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	32626	19.716	ug/l	98
56) Ethyl methacrylate	10.876	69	52282	20.535	ug/l	97
57) 1,3-Dichloropropane	11.165	76	55365	19.467	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	106479	116.070	ug/l	98
59) 2-Hexanone	11.194	43	168156	105.450	ug/l	96
60) Dibromochloromethane	11.359	129	36124	19.506	ug/l	99
61) 1,2-Dibromoethane	11.470	107	31853	19.301	ug/l	100
64) Tetrachloroethene	11.100	164	26100	17.804	ug/l	97
65) Chlorobenzene	11.888	112	89617	18.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32161	18.936	ug/l	98
67) Ethyl Benzene	11.965	91	160496	18.441	ug/l	99
68) m/p-Xylenes	12.070	106	118472	36.665	ug/l	99
69) o-Xylene	12.394	106	58369	18.660	ug/l	100
70) Styrene	12.412	104	97095	18.914	ug/l	99
71) Bromoform	12.576	173	22396	19.568	ug/l #	99
73) Isopropylbenzene	12.694	105	152850	18.233	ug/l	100
74) N-amyl acetate	12.494	43	70140	19.610	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	46429	18.850	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	40916m	18.714	ug/l	
77) Bromobenzene	12.976	156	35945	17.813	ug/l	95
78) n-propylbenzene	13.035	91	174117	17.851	ug/l	99
79) 2-Chlorotoluene	13.123	91	111328	17.897	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	128741	18.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	15696m	18.802	ug/l	
82) 4-Chlorotoluene	13.223	91	109522	17.545	ug/l	100
83) tert-Butylbenzene	13.441	119	112541	18.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	131486	18.520	ug/l	100
85) sec-Butylbenzene	13.617	105	150323	18.330	ug/l	98
86) p-Isopropyltoluene	13.729	119	123107	17.908	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66285	17.405	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66315	17.197	ug/l	99
89) n-Butylbenzene	14.053	91	103592	16.784	ug/l	99
90) Hexachloroethane	14.335	117	24983	18.079	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	67724	18.426	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10151	20.674	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32721	16.590	ug/l	99
94) Hexachlorobutadiene	15.500	225	14437	17.236	ug/l	96
95) Naphthalene	15.641	128	107915	17.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31738	16.838	ug/l	95

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

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