

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083578.D
 Acq On : 30 Aug 2024 16:21
 Operator : JC\MD
 Sample : VN0830WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 02:40:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123366	51.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.171	113	88061	49.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	10.565	98	335107	48.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.020%			
62) 4-Bromofluorobenzene	12.847	95	129564	50.647	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	36411	20.134	ug/l	98
3) Chloromethane	2.359	50	39689	18.840	ug/l	97
4) Vinyl Chloride	2.512	62	41365	19.620	ug/l	99
5) Bromomethane	2.900	94	20948	18.901	ug/l	92
6) Chloroethane	3.071	64	27259	19.786	ug/l	99
7) Trichlorofluoromethane	3.459	101	67862	19.546	ug/l	98
8) Diethyl Ether	3.959	74	24023	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	37977	20.170	ug/l	98
10) Methyl Iodide	4.571	142	48642	19.098	ug/l	98
11) Tert butyl alcohol	5.541	59	37439	100.550	ug/l	100
12) 1,1-Dichloroethene	4.318	96	34742	18.560	ug/l	94
13) Acrolein	4.177	56	31393	89.118	ug/l	99
14) Allyl chloride	5.012	41	63151	18.922	ug/l	99
15) Acrylonitrile	5.724	53	91252	99.376	ug/l	99
16) Acetone	4.430	43	82058	86.167	ug/l	99
17) Carbon Disulfide	4.700	76	94528	17.329	ug/l	98
18) Methyl Acetate	5.018	43	47889	18.909	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	133309	20.077	ug/l	100
20) Methylene Chloride	5.271	84	40149	19.091	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	36578	18.759	ug/l	94
22) Diisopropyl ether	6.671	45	130817	19.878	ug/l	99
23) Vinyl Acetate	6.600	43	475942	97.590	ug/l	98
24) 1,1-Dichloroethane	6.565	63	71958	19.174	ug/l	98
25) 2-Butanone	7.482	43	125222	96.577	ug/l	100
26) 2,2-Dichloropropane	7.482	77	64192	18.372	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	45430	19.525	ug/l	99
28) Bromochloromethane	7.806	49	33682	19.219	ug/l	94
29) Tetrahydrofuran	7.841	42	80433	100.010	ug/l	99
30) Chloroform	7.965	83	76787	19.420	ug/l	99
31) Cyclohexane	8.253	56	68801	18.625	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	72058	20.154	ug/l	95
36) 1,1-Dichloropropene	8.371	75	52297	19.334	ug/l	99
37) Ethyl Acetate	7.559	43	51315	19.062	ug/l	100
38) Carbon Tetrachloride	8.365	117	61734	20.003	ug/l	97
39) Methylcyclohexane	9.600	83	64901	19.995	ug/l	96
40) Benzene	8.606	78	162510	19.530	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28968	18.857	ug/l	96
42) 1,2-Dichloroethane	8.665	62	61708	20.006	ug/l	99
43) Isopropyl Acetate	8.688	43	102790	18.279	ug/l	99
44) Trichloroethene	9.347	130	37934	18.951	ug/l	95
45) 1,2-Dichloropropane	9.618	63	38744	19.988	ug/l	97
46) Dibromomethane	9.706	93	28420	19.874	ug/l	97
47) Bromodichloromethane	9.888	83	59549	19.562	ug/l	97
48) Methyl methacrylate	9.682	41	42626	19.305	ug/l	95
49) 1,4-Dioxane	9.700	88	15077	416.725	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	251041	100.307	ug/l	100
52) Toluene	10.629	92	101433	19.491	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60853	19.310	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	64487	19.496	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	37278	20.070	ug/l	98
56) Ethyl methacrylate	10.876	69	62199	20.242	ug/l	97
57) 1,3-Dichloropropane	11.165	76	64846	19.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	131484	98.477	ug/l	99
59) 2-Hexanone	11.200	43	188295	100.252	ug/l	100
60) Dibromochloromethane	11.359	129	43520	20.221	ug/l	98
61) 1,2-Dibromoethane	11.470	107	38014	20.032	ug/l	99
64) Tetrachloroethene	11.100	164	31685	18.763	ug/l	96
65) Chlorobenzene	11.888	112	106754	18.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	37087	19.065	ug/l	97
67) Ethyl Benzene	11.965	91	192016	18.670	ug/l	99
68) m/p-Xylenes	12.070	106	144361	37.261	ug/l	100
69) o-Xylene	12.394	106	70681	18.875	ug/l	98
70) Styrene	12.412	104	115898	18.408	ug/l	99
71) Bromoform	12.582	173	26921	19.430	ug/l #	99
73) Isopropylbenzene	12.694	105	182140	18.018	ug/l	98
74) N-amyl acetate	12.494	43	81246	18.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	54713	19.065	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46337m	18.376	ug/l	
77) Bromobenzene	12.976	156	40907	17.248	ug/l	96
78) n-propylbenzene	13.035	91	209196	17.899	ug/l	100
79) 2-Chlorotoluene	13.123	91	134669	17.782	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	154937	18.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20775	19.432	ug/l	94
82) 4-Chlorotoluene	13.223	91	133437	17.343	ug/l	100
83) tert-Butylbenzene	13.435	119	137099	18.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	155233	18.110	ug/l	100
85) sec-Butylbenzene	13.617	105	179600	17.847	ug/l	100
86) p-Isopropyltoluene	13.729	119	149494	17.786	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	77536	16.842	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	78890	16.677	ug/l	99
89) n-Butylbenzene	14.053	91	126550	17.117	ug/l	99
90) Hexachloroethane	14.335	117	30414	18.590	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	77721	17.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11796	18.952	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40137	15.965	ug/l	99
94) Hexachlorobutadiene	15.500	225	16138	16.029	ug/l	97
95) Naphthalene	15.641	128	136640	16.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38848	15.468	ug/l	98

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

