

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083452.D
 Acq On : 23 Aug 2024 11:45
 Operator : JC\MD
 Sample : VN0823WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:57:01 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	128553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117188	64.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.080%#			
35) Dibromofluoromethane	8.165	113	83442	58.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.800%			
50) Toluene-d8	10.565	98	286093	54.136	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.847	95	110099	53.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20841	14.296	ug/l	99
3) Chloromethane	2.359	50	25529	17.105	ug/l	96
4) Vinyl Chloride	2.518	62	26140	17.164	ug/l	97
5) Bromomethane	2.906	94	14222	15.050	ug/l	94
6) Chloroethane	3.065	64	18063	18.958	ug/l	96
7) Trichlorofluoromethane	3.465	101	45145	17.944	ug/l	94
8) Diethyl Ether	3.953	74	17211	18.384	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.353	101	24553	17.701	ug/l	97
10) Methyl Iodide	4.577	142	32345	17.727	ug/l #	96
11) Tert butyl alcohol	5.536	59	32168	84.593	ug/l #	93
12) 1,1-Dichloroethene	4.324	96	23542	16.520	ug/l	98
13) Acrolein	4.171	56	28481	114.918	ug/l	96
14) Allyl chloride	5.012	41	43533	16.166	ug/l	91
15) Acrylonitrile	5.724	53	67973	86.914	ug/l	98
16) Acetone	4.430	43	58049	81.074	ug/l	99
17) Carbon Disulfide	4.700	76	62317	14.945	ug/l	97
18) Methyl Acetate	5.030	43	36867	17.282	ug/l #	91
19) Methyl tert-butyl Ether	5.789	73	92567	17.996	ug/l	94
20) Methylene Chloride	5.277	84	28665	17.396	ug/l #	84
21) trans-1,2-Dichloroethene	5.777	96	24399	16.566	ug/l	93
22) Diisopropyl ether	6.671	45	94862	18.740	ug/l	97
23) Vinyl Acetate	6.600	43	484974	93.471	ug/l	99
24) 1,1-Dichloroethane	6.559	63	51747	18.755	ug/l	97
25) 2-Butanone	7.483	43	88247	80.269	ug/l	98
26) 2,2-Dichloropropane	7.483	77	42581	16.618	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	32077	18.048	ug/l	91
28) Bromochloromethane	7.812	49	44464	39.433	ug/l	87
29) Tetrahydrofuran	7.841	42	57016	80.227	ug/l #	88
30) Chloroform	7.965	83	55847	19.482	ug/l	98
31) Cyclohexane	8.253	56	43983	16.220	ug/l	95
32) 1,1,1-Trichloroethane	8.159	97	47736	17.593	ug/l	97
36) 1,1-Dichloropropene	8.365	75	35463	16.548	ug/l	100
37) Ethyl Acetate	7.559	43	40028	16.682	ug/l	97
38) Carbon Tetrachloride	8.359	117	40535	16.793	ug/l	95
39) Methylcyclohexane	9.600	83	40317	15.316	ug/l	95
40) Benzene	8.600	78	115806	18.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21545	15.791	ug/l	95
42) 1,2-Dichloroethane	8.671	62	45111	19.397	ug/l	99
43) Isopropyl Acetate	8.688	43	64744	14.051	ug/l #	93
44) Trichloroethene	9.347	130	25794	16.974	ug/l	89
45) 1,2-Dichloropropane	9.624	63	27168	17.927	ug/l	97
46) Dibromomethane	9.712	93	20445	18.848	ug/l	98
47) Bromodichloromethane	9.888	83	42614	17.496	ug/l	99
48) Methyl methacrylate	9.682	41	31223	15.739	ug/l	93
49) 1,4-Dioxane	9.694	88	11417	319.000	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	190439	83.927	ug/l	95
52) Toluene	10.629	92	69198	17.154	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	41615	16.634	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	44658	16.782	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	26492	18.326	ug/l	97
56) Ethyl methacrylate	10.877	69	43221	15.860	ug/l	92
57) 1,3-Dichloropropane	11.165	76	46668	18.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	111909	97.146	ug/l	95
59) 2-Hexanone	11.194	43	139455	79.441	ug/l	94
60) Dibromochloromethane	11.359	129	29902	17.108	ug/l	99
61) 1,2-Dibromoethane	11.471	107	26614	17.525	ug/l	99
64) Tetrachloroethene	11.100	164	21592	16.638	ug/l	96
65) Chlorobenzene	11.894	112	72576	16.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	26723	17.497	ug/l	97
67) Ethyl Benzene	11.965	91	128382	16.161	ug/l	98
68) m/p-Xylenes	12.071	106	95725	32.168	ug/l	95
69) o-Xylene	12.400	106	47222	16.090	ug/l	97
70) Styrene	12.412	104	77565	15.735	ug/l	97
71) Bromoform	12.576	173	18933	16.364	ug/l #	99
73) Isopropylbenzene	12.694	105	120036	14.907	ug/l	99
74) N-amyl acetate	12.494	43	57688	14.646	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	39356	17.280	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	35040m	16.583	ug/l	
77) Bromobenzene	12.982	156	29383	16.426	ug/l	97
78) n-propylbenzene	13.035	91	136387	14.709	ug/l	100
79) 2-Chlorotoluene	13.123	91	91782	15.613	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	101966	15.125	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	12590	12.961	ug/l	92
82) 4-Chlorotoluene	13.223	91	91012	15.435	ug/l	97
83) tert-Butylbenzene	13.441	119	89165	14.935	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	105673	15.554	ug/l	97
85) sec-Butylbenzene	13.618	105	119961	14.725	ug/l	99
86) p-Isopropyltoluene	13.729	119	97417	14.483	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	53380	15.859	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	54965	16.198	ug/l	96
89) n-Butylbenzene	14.059	91	83439	14.316	ug/l	100
90) Hexachloroethane	14.335	117	18065	13.901	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	53348	16.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7481	13.536	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	25791	14.134	ug/l	97
94) Hexachlorobutadiene	15.500	225	11801	14.542	ug/l	95
95) Naphthalene	15.641	128	87050	13.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27230	15.081	ug/l	95

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

