

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042814.D
 Acq On : 02 Aug 2024 00:45
 Operator : JC/MD
 Sample : VX0801WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

Quant Time: Aug 02 03:24:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84142	56.775	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.560%			
35) Dibromofluoromethane	5.391	113	61295	52.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.647	98	221551	51.822	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.640%			
62) 4-Bromofluorobenzene	11.079	95	80476	51.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27675	18.932	ug/l	96
3) Chloromethane	1.301	50	21629	19.271	ug/l	100
4) Vinyl Chloride	1.374	62	21030	18.380	ug/l	94
5) Bromomethane	1.599	94	7243	18.373	ug/l	89
6) Chloroethane	1.666	64	7902	19.129	ug/l	95
7) Trichlorofluoromethane	1.874	101	31184	20.308	ug/l	93
8) Diethyl Ether	2.136	74	11850	20.253	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	22194	19.161	ug/l	96
10) Methyl Iodide	2.447	142	20696	18.668	ug/l	97
11) Tert butyl alcohol	2.989	59	27365	95.966	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	21102	18.795	ug/l	84
13) Acrolein	2.239	56	26838	92.787	ug/l	93
14) Allyl chloride	2.660	41	29996	20.780	ug/l #	92
15) Acrylonitrile	3.068	53	62170	102.131	ug/l	98
16) Acetone	2.392	43	57613	107.059	ug/l	93
17) Carbon Disulfide	2.502	76	46554	18.381	ug/l	99
18) Methyl Acetate	2.709	43	33514	24.814	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	75388	20.254	ug/l	97
20) Methylene Chloride	2.788	84	24759	19.508	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	22689	19.586	ug/l	82
22) Diisopropyl ether	3.770	45	65653	21.217	ug/l #	89
23) Vinyl Acetate	3.727	43	287423	106.848	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	41008	20.402	ug/l	96
25) 2-Butanone	4.568	43	85856	108.587	ug/l	95
26) 2,2-Dichloropropane	4.477	77	19848	11.537	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	26603	19.645	ug/l	88
28) Bromochloromethane	4.897	49	14751	20.473	ug/l	89
29) Tetrahydrofuran	5.013	42	55102	111.884	ug/l	89
30) Chloroform	5.099	83	45255	20.248	ug/l	98
31) Cyclohexane	5.471	56	33032	20.229	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	40577	20.441	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28964	18.962	ug/l	98
37) Ethyl Acetate	4.721	43	32001	20.524	ug/l #	95
38) Carbon Tetrachloride	5.672	117	33642	19.111	ug/l	95
39) Methylcyclohexane	7.379	83	34675	18.116	ug/l	92
40) Benzene	6.037	78	94576	19.733	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17375	21.072	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	35912	20.745	ug/l	97
43) Isopropyl Acetate	6.348	43	53014	21.738	ug/l	96
44) Trichloroethene	7.123	130	22674	18.071	ug/l	99
45) 1,2-Dichloropropane	7.434	63	21590	20.088	ug/l	99
46) Dibromomethane	7.580	93	17782	19.427	ug/l	96
47) Bromodichloromethane	7.824	83	32128	19.248	ug/l	98
48) Methyl methacrylate	7.696	41	25886	21.589	ug/l	92
49) 1,4-Dioxane	7.671	88	11708m	408.057	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	182489	112.980	ug/l	97
52) Toluene	8.720	92	60184	19.354	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29215	17.668	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	33382	19.005	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	23550	18.725	ug/l	98
56) Ethyl methacrylate	9.116	69	37051	20.341	ug/l	94
57) 1,3-Dichloropropane	9.311	76	40726	20.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83271	99.258	ug/l	96
59) 2-Hexanone	9.433	43	140533	112.195	ug/l	95
60) Dibromochloromethane	9.519	129	24399	19.153	ug/l	94
61) 1,2-Dibromoethane	9.610	107	25132	20.140	ug/l	100
64) Tetrachloroethene	9.275	164	20514	19.212	ug/l	97
65) Chlorobenzene	10.079	112	64049	18.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22074	18.985	ug/l	99
67) Ethyl Benzene	10.195	91	110103	18.816	ug/l	99
68) m/p-Xylenes	10.299	106	85105	38.070	ug/l	100
69) o-Xylene	10.640	106	41289	18.681	ug/l	97
70) Styrene	10.652	104	70571	18.893	ug/l	98
71) Bromoform	10.799	173	14138	16.275	ug/l #	94
73) Isopropylbenzene	10.963	105	106619	20.154	ug/l	99
74) N-amyl acetate	10.841	43	45059	22.158	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	37869	20.743	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30853m	19.528	ug/l	
77) Bromobenzene	11.195	156	24636	18.805	ug/l	97
78) n-propylbenzene	11.305	91	121257	20.557	ug/l	99
79) 2-Chlorotoluene	11.366	91	78405	20.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89668	19.782	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8713	16.323	ug/l	97
82) 4-Chlorotoluene	11.451	91	87309	20.042	ug/l	99
83) tert-Butylbenzene	11.713	119	89921	19.906	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	90544	20.007	ug/l	98
85) sec-Butylbenzene	11.890	105	108919	19.694	ug/l	99
86) p-Isopropyltoluene	12.012	119	88754	19.035	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44247	18.107	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44756	18.233	ug/l	95
89) n-Butylbenzene	12.335	91	71626	18.773	ug/l	99
90) Hexachloroethane	12.542	117	14550	17.615	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	46346	19.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8652	21.299	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23087	16.638	ug/l	97
94) Hexachlorobutadiene	13.725	225	9338	15.497	ug/l	95
95) Naphthalene	13.774	128	96495	18.224	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25348	17.773	ug/l	98

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

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