

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040878.D
 Acq On : 04 Apr 2024 10:45
 Operator : JC/MD
 Sample : VX0404WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 04:07:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	48132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	79694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41040	47.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	28347	50.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	8.647	98	98516	48.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	39409	48.381	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	11666	17.882	ug/l	98
3) Chloromethane	1.301	50	11374	20.181	ug/l	97
4) Vinyl Chloride	1.374	62	11792	20.269	ug/l	99
5) Bromomethane	1.611	94	8375	23.399	ug/l	94
6) Chloroethane	1.691	64	7139	19.036	ug/l	96
7) Trichlorofluoromethane	1.892	101	20279	18.209	ug/l	99
8) Diethyl Ether	2.136	74	6649	18.475	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	10391	18.099	ug/l	95
10) Methyl Iodide	2.453	142	12226	17.555	ug/l	99
11) Tert butyl alcohol	2.947	59	13755	87.238	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	9427	17.507	ug/l	99
13) Acrolein	2.239	56	6637	77.113	ug/l	95
14) Allyl chloride	2.666	41	17603	18.249	ug/l	92
15) Acrylonitrile	3.062	53	30776	92.529	ug/l	99
16) Acetone	2.373	43	32257	96.193	ug/l	96
17) Carbon Disulfide	2.514	76	25339	16.266	ug/l	100
18) Methyl Acetate	2.703	43	13842	17.399	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	34592	18.250	ug/l	99
20) Methylene Chloride	2.788	84	10750	17.298	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	9944	17.484	ug/l	96
22) Diisopropyl ether	3.757	45	34344	18.295	ug/l	89
23) Vinyl Acetate	3.721	43	169324	94.109	ug/l	98
24) 1,1-Dichloroethane	3.611	63	19446	18.131	ug/l	97
25) 2-Butanone	4.550	43	46765	93.879	ug/l	97
26) 2,2-Dichloropropane	4.477	77	16398	17.809	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	11574	17.623	ug/l	94
28) Bromochloromethane	4.891	49	9515	19.731	ug/l	99
29) Tetrahydrofuran	4.995	42	30596	94.497	ug/l	97
30) Chloroform	5.093	83	21684	18.575	ug/l	97
31) Cyclohexane	5.464	56	16085	17.552	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	19051	18.365	ug/l	97
36) 1,1-Dichloropropene	5.690	75	14998	18.700	ug/l	95
37) Ethyl Acetate	4.708	43	17830	18.104	ug/l	98
38) Carbon Tetrachloride	5.672	117	16138	18.175	ug/l	95
39) Methylcyclohexane	7.379	83	16561	17.281	ug/l	97
40) Benzene	6.037	78	41422	18.607	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9438	18.660	ug/l	94
42) 1,2-Dichloroethane	6.086	62	18654	19.293	ug/l	97
43) Isopropyl Acetate	6.336	43	28418	18.684	ug/l	97
44) Trichloroethene	7.123	130	10070	18.112	ug/l	85
45) 1,2-Dichloropropane	7.427	63	10382	19.537	ug/l	98
46) Dibromomethane	7.580	93	8364	19.203	ug/l	98
47) Bromodichloromethane	7.818	83	16623	18.343	ug/l	97
48) Methyl methacrylate	7.690	41	14509	19.480	ug/l	96
49) 1,4-Dioxane	7.653	88	5351	376.486	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	95777	94.934	ug/l	95
52) Toluene	8.714	92	25549	18.189	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	16326	18.193	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	16977	18.893	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	10481	19.120	ug/l	97
56) Ethyl methacrylate	9.116	69	17408	18.494	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	17938	18.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	44131	96.712	ug/l	96
59) 2-Hexanone	9.427	43	77188	95.397	ug/l	93
60) Dibromochloromethane	9.519	129	11985	18.315	ug/l	97
61) 1,2-Dibromoethane	9.610	107	11264	19.046	ug/l	99
64) Tetrachloroethene	9.275	164	8947	17.944	ug/l	99
65) Chlorobenzene	10.079	112	29243	17.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	9753	17.831	ug/l	95
67) Ethyl Benzene	10.189	91	52907	18.004	ug/l	94
68) m/p-Xylenes	10.299	106	39148	36.613	ug/l	93
69) o-Xylene	10.640	106	18217	18.085	ug/l	90
70) Styrene	10.653	104	32037	18.354	ug/l	96
71) Bromoform	10.799	173	8290	17.955	ug/l #	95
73) Isopropylbenzene	10.963	105	50464	18.072	ug/l	100
74) N-amyl acetate	10.842	43	25541	18.058	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.207	83	17999	18.851	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	15118m	17.733	ug/l	
77) Bromobenzene	11.195	156	11808	18.026	ug/l	98
78) n-propylbenzene	11.305	91	62861	18.013	ug/l	97
79) 2-Chlorotoluene	11.366	91	36850	17.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	42796	17.944	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5428	17.178	ug/l	96
82) 4-Chlorotoluene	11.451	91	45173	18.167	ug/l	97
83) tert-Butylbenzene	11.713	119	41924	17.720	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	43452	18.086	ug/l	99
85) sec-Butylbenzene	11.890	105	54340	18.084	ug/l	99
86) p-Isopropyltoluene	12.006	119	45585	18.087	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	23197	17.520	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	24395	17.364	ug/l	99
89) n-Butylbenzene	12.329	91	43990	17.667	ug/l	97
90) Hexachloroethane	12.536	117	8047	18.329	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	22849	17.609	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4368	17.804	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	15516	17.248	ug/l	96
94) Hexachlorobutadiene	13.725	225	5970	17.324	ug/l	96
95) Naphthalene	13.774	128	51609	17.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15169	17.676	ug/l	98

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

