

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040787.D
 Acq On : 25 Mar 2024 11:51
 Operator : JC/MD
 Sample : VX0325WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	41998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	67497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	66079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39961	56.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.180%			
35) Dibromofluoromethane	5.385	113	26787	53.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.647	98	86753	50.165	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	34150	49.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	10603	19.509	ug/l	97
3) Chloromethane	1.301	50	9125	16.415	ug/l	90
4) Vinyl Chloride	1.374	62	9537	18.119	ug/l	99
5) Bromomethane	1.612	94	7484	21.092	ug/l	98
6) Chloroethane	1.691	64	6083	16.441	ug/l	98
7) Trichlorofluoromethane	1.892	101	17342	18.830	ug/l	94
8) Diethyl Ether	2.136	74	5645	19.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	10146	19.157	ug/l	98
10) Methyl Iodide	2.453	142	12773	18.215	ug/l	100
11) Tert butyl alcohol	2.947	59	12291	108.690	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	8863	17.866	ug/l	97
13) Acrolein	2.233	56	6019	89.942	ug/l	98
14) Allyl chloride	2.666	41	16348	18.388	ug/l	90
15) Acrylonitrile	3.056	53	28847	103.334	ug/l	98
16) Acetone	2.374	43	25583	102.279	ug/l	99
17) Carbon Disulfide	2.514	76	23705	16.636	ug/l	98
18) Methyl Acetate	2.697	43	12973	19.352	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	33358	19.483	ug/l	99
20) Methylene Chloride	2.788	84	10324	18.882	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	9611	18.352	ug/l	98
22) Diisopropyl ether	3.757	45	32888	18.957	ug/l	90
23) Vinyl Acetate	3.721	43	162118	98.861	ug/l	99
24) 1,1-Dichloroethane	3.611	63	18207	18.272	ug/l	98
25) 2-Butanone	4.550	43	40523	103.433	ug/l	99
26) 2,2-Dichloropropane	4.471	77	15831	18.209	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	11391	18.778	ug/l	98
28) Bromochloromethane	4.891	49	9708	21.302	ug/l	99
29) Tetrahydrofuran	4.995	42	27544	105.697	ug/l	99
30) Chloroform	5.093	83	20191	18.927	ug/l	96
31) Cyclohexane	5.471	56	15326	18.266	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	18019	19.651	ug/l	98
36) 1,1-Dichloropropene	5.690	75	14112	18.977	ug/l	96
37) Ethyl Acetate	4.709	43	17160	20.322	ug/l #	92
38) Carbon Tetrachloride	5.672	117	15139	18.087	ug/l	91
39) Methylcyclohexane	7.379	83	15307	18.580	ug/l	96
40) Benzene	6.031	78	38563	18.780	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	9061	20.751	ug/l	95
42) 1,2-Dichloroethane	6.086	62	17127	20.612	ug/l	97
43) Isopropyl Acetate	6.330	43	25672	19.360	ug/l	99
44) Trichloroethene	7.123	130	9366	19.030	ug/l	92
45) 1,2-Dichloropropane	7.428	63	9534	19.790	ug/l	95
46) Dibromomethane	7.580	93	7592	19.897	ug/l	97
47) Bromodichloromethane	7.818	83	14695	18.848	ug/l	100
48) Methyl methacrylate	7.690	41	12206	20.140	ug/l	92
49) 1,4-Dioxane	7.653	88	4387	428.904	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	81947	99.652	ug/l	98
52) Toluene	8.714	92	23325	19.046	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	14960	18.549	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	15528	18.616	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	9840	19.731	ug/l	95
56) Ethyl methacrylate	9.116	69	16351	19.615	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	16564	19.463	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	38701	88.461	ug/l	98
59) 2-Hexanone	9.427	43	68549	107.609	ug/l	96
60) Dibromochloromethane	9.519	129	11155	19.034	ug/l	97
61) 1,2-Dibromoethane	9.604	107	10525	19.985	ug/l	99
64) Tetrachloroethene	9.269	164	8349	16.963	ug/l	98
65) Chlorobenzene	10.080	112	28102	18.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	9678	18.976	ug/l	99
67) Ethyl Benzene	10.189	91	48932	18.231	ug/l	99
68) m/p-Xylenes	10.299	106	37093	37.746	ug/l	94
69) o-Xylene	10.640	106	17014	18.022	ug/l	91
70) Styrene	10.653	104	28280	17.895	ug/l	94
71) Bromoform	10.799	173	7681	18.440	ug/l #	96
73) Isopropylbenzene	10.957	105	44384	17.713	ug/l	98
74) N-amyl acetate	10.842	43	22744	18.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	15708	18.518	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	13101m	18.446	ug/l	
77) Bromobenzene	11.195	156	10253	16.905	ug/l	97
78) n-propylbenzene	11.305	91	54800	17.737	ug/l	97
79) 2-Chlorotoluene	11.360	91	32186	18.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	37978	18.080	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	5371	19.131	ug/l	97
82) 4-Chlorotoluene	11.451	91	39920	17.854	ug/l	98
83) tert-Butylbenzene	11.713	119	38373	18.214	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40203	19.016	ug/l	100
85) sec-Butylbenzene	11.890	105	49549	18.495	ug/l	98
86) p-Isopropyltoluene	12.006	119	41417	18.643	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	21824	18.843	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	22344	18.165	ug/l	99
89) n-Butylbenzene	12.329	91	41371	18.467	ug/l	96
90) Hexachloroethane	12.536	117	7030	18.173	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	20757	18.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3660	17.281	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	14924	18.454	ug/l	92
94) Hexachlorobutadiene	13.725	225	5507	17.276	ug/l	99
95) Naphthalene	13.774	128	47841	18.698	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	13834	17.411	ug/l	99

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

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