

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040224\
 Data File : VX040854.D
 Acq On : 02 Apr 2024 10:42
 Operator : JC/MD
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2024
 Supervised By : Mahesh Dadoda 04/03/2024

Quant Time: Apr 03 00:58:33 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	50188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42595	47.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.600%		
35) Dibromofluoromethane	5.385	113	29146	47.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.647	98	104156	46.968	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.940%		
62) 4-Bromofluorobenzene	11.079	95	41237	46.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	13014	19.131	ug/l	96
3) Chloromethane	1.300	50	12198	20.756	ug/l	100
4) Vinyl Chloride	1.374	62	12641	20.838	ug/l	96
5) Bromomethane	1.605	94	8119	21.755	ug/l	97
6) Chloroethane	1.691	64	7421	18.977	ug/l	96
7) Trichlorofluoromethane	1.892	101	20123	17.329	ug/l	99
8) Diethyl Ether	2.136	74	6379	16.999	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	11157	18.637	ug/l	96
10) Methyl Iodide	2.453	142	13554	18.664	ug/l	98
11) Tert butyl alcohol	2.953	59	14419	87.703	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	9972	17.760	ug/l	96
13) Acrolein	2.239	56	7604	84.729	ug/l	99
14) Allyl chloride	2.666	41	18581	18.473	ug/l	90
15) Acrylonitrile	3.062	53	31713	91.440	ug/l	99
16) Acetone	2.380	43	33073	94.586	ug/l	98
17) Carbon Disulfide	2.514	76	28145	17.328	ug/l	98
18) Methyl Acetate	2.703	43	14773	17.808	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	35861	18.145	ug/l	96
20) Methylene Chloride	2.794	84	11051	17.054	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	10915	18.405	ug/l	99
22) Diisopropyl ether	3.763	45	36562	18.679	ug/l	98
23) Vinyl Acetate	3.721	43	172771	92.091	ug/l	99
24) 1,1-Dichloroethane	3.611	63	20574	18.397	ug/l	98
25) 2-Butanone	4.556	43	47606	91.653	ug/l	99
26) 2,2-Dichloropropane	4.477	77	17591	18.322	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	12775	18.655	ug/l	97
28) Bromochloromethane	4.897	49	8943	17.785	ug/l	98
29) Tetrahydrofuran	5.007	42	30596	90.626	ug/l	100
30) Chloroform	5.092	83	22846	18.769	ug/l	100
31) Cyclohexane	5.470	56	17170	17.968	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	20668	19.108	ug/l	97
36) 1,1-Dichloropropene	5.696	75	15245	17.483	ug/l	98
37) Ethyl Acetate	4.708	43	19238	17.967	ug/l #	96
38) Carbon Tetrachloride	5.678	117	17588	18.219	ug/l	97
39) Methylcyclohexane	7.379	83	18217	17.484	ug/l	98
40) Benzene	6.037	78	43724	18.066	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9874	17.956	ug/l	93
42) 1,2-Dichloroethane	6.086	62	19261	18.323	ug/l	98
43) Isopropyl Acetate	6.342	43	29154	17.630	ug/l	97
44) Trichloroethene	7.129	130	10699	17.700	ug/l	91
45) 1,2-Dichloropropane	7.427	63	10678	18.482	ug/l	95
46) Dibromomethane	7.580	93	8778	18.537	ug/l	98
47) Bromodichloromethane	7.818	83	17584	17.847	ug/l	95
48) Methyl methacrylate	7.696	41	14678	18.126	ug/l	96
49) 1,4-Dioxane	7.653	88	5721	370.231	ug/l #	94
51) 4-Methyl-2-Pentanone	8.567	43	98206	89.533	ug/l	96
52) Toluene	8.720	92	27482	17.996	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	17067	17.527	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	17902	18.324	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	10914	18.313	ug/l	94
56) Ethyl methacrylate	9.116	69	18732	18.304	ug/l	94
57) 1,3-Dichloropropane	9.305	76	18765	18.003	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	39956	80.539	ug/l	97
59) 2-Hexanone	9.427	43	78925	89.719	ug/l	94
60) Dibromochloromethane	9.518	129	13089	18.398	ug/l	98
61) 1,2-Dibromoethane	9.610	107	11917	18.534	ug/l	99
64) Tetrachloroethene	9.275	164	9475	18.002	ug/l	95
65) Chlorobenzene	10.079	112	31118	17.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	10414	18.037	ug/l	100
67) Ethyl Benzene	10.189	91	56445	18.196	ug/l	96
68) m/p-Xylenes	10.299	106	40594	35.967	ug/l	90
69) o-Xylene	10.640	106	19124	17.985	ug/l	87
70) Styrene	10.652	104	34131	18.524	ug/l	97
71) Bromoform	10.799	173	8574	17.607	ug/l #	99
73) Isopropylbenzene	10.963	105	53512	18.701	ug/l	99
74) N-amyl acetate	10.841	43	26253	18.113	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	17779	18.171	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15541m	17.788	ug/l	
77) Bromobenzene	11.195	156	12795	19.061	ug/l	99
78) n-propylbenzene	11.305	91	66653	18.638	ug/l	96
79) 2-Chlorotoluene	11.366	91	38578	18.076	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	45939	18.797	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5640	17.417	ug/l	93
82) 4-Chlorotoluene	11.451	91	47024	18.455	ug/l	98
83) tert-Butylbenzene	11.713	119	44794	18.475	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	47052	19.111	ug/l	98
85) sec-Butylbenzene	11.890	105	57696	18.737	ug/l	99
86) p-Isopropyltoluene	12.006	119	47772	18.497	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	24256	17.877	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	25290	17.566	ug/l	99
89) n-Butylbenzene	12.329	91	46270	18.134	ug/l	96
90) Hexachloroethane	12.536	117	8246	18.328	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	23699	17.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4360	17.342	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	16099	17.464	ug/l	98
94) Hexachlorobutadiene	13.725	225	6138	17.381	ug/l	98
95) Naphthalene	13.774	128	53360	17.977	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16292	18.525	ug/l	98

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

