

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
 Data File : VX041232.D
 Acq On : 24 Apr 2024 14:08
 Operator : JC/MD
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2024
 Supervised By : Mahesh Dadoda 04/25/2024

Quant Time: Apr 25 05:54:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	238140	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	287959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111660	49.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.520%		
35) Dibromofluoromethane	5.385	113	95356	54.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.880%		
50) Toluene-d8	8.647	98	264674	44.786	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.580%#		
62) 4-Bromofluorobenzene	11.079	95	107005	49.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	34399	18.263	ug/l	97
3) Chloromethane	1.294	50	33655	16.504	ug/l	99
4) Vinyl Chloride	1.374	62	35905	17.607	ug/l	94
5) Bromomethane	1.593	94	18229	15.876	ug/l	99
6) Chloroethane	1.660	64	11790	15.218	ug/l	98
7) Trichlorofluoromethane	1.861	101	56148	17.769	ug/l	98
8) Diethyl Ether	2.136	74	20463	17.597	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	32813	17.650	ug/l #	86
10) Methyl Iodide	2.441	142	27236	12.148	ug/l	90
11) Tert butyl alcohol	3.026	59	42973	105.814	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	29442	16.964	ug/l	87
13) Acrolein	2.239	56	34344	75.385	ug/l	98
14) Allyl chloride	2.660	41	55358	19.635	ug/l	97
15) Acrylonitrile	3.068	53	102554	98.823	ug/l	100
16) Acetone	2.392	43	96802	117.315	ug/l	92
17) Carbon Disulfide	2.502	76	67473	18.611	ug/l	98
18) Methyl Acetate	2.709	43	47989	19.660	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	119212	19.215	ug/l	96
20) Methylene Chloride	2.788	84	39183	19.443	ug/l #	89
21) trans-1,2-Dichloroethene	3.081	96	33421	17.426	ug/l	90
22) Diisopropyl ether	3.764	45	115622	18.968	ug/l	95
23) Vinyl Acetate	3.721	43	525294	100.731	ug/l	97
24) 1,1-Dichloroethane	3.605	63	64766	19.007	ug/l	96
25) 2-Butanone	4.568	43	144326	102.418	ug/l	95
26) 2,2-Dichloropropane	4.465	77	53679	18.639	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	43371	18.245	ug/l	89
28) Bromochloromethane	4.897	49	26243	20.295	ug/l #	77
29) Tetrahydrofuran	5.013	42	92498	96.350	ug/l	94
30) Chloroform	5.093	83	69672	19.050	ug/l	98
31) Cyclohexane	5.464	56	54912	17.998	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	61665	18.808	ug/l	97
36) 1,1-Dichloropropene	5.690	75	45130	20.136	ug/l	95
37) Ethyl Acetate	4.721	43	57412	23.348	ug/l	99
38) Carbon Tetrachloride	5.672	117	52304	20.894	ug/l	98
39) Methylcyclohexane	7.379	83	48973	16.474	ug/l	89
40) Benzene	6.031	78	144624	20.894	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30143	23.547	ug/l	94
42) 1,2-Dichloroethane	6.086	62	53457	22.274	ug/l	96
43) Isopropyl Acetate	6.342	43	74941	18.919	ug/l	99
44) Trichloroethene	7.123	130	32591	16.195	ug/l	86
45) 1,2-Dichloropropane	7.427	63	27937	16.833	ug/l	100
46) Dibromomethane	7.580	93	21088	17.040	ug/l #	74
47) Bromodichloromethane	7.824	83	40954	17.954	ug/l	97
48) Methyl methacrylate	7.696	41	34677	18.509	ug/l	96
49) 1,4-Dioxane	7.671	88	14502	359.620	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	240442	96.977	ug/l	99
52) Toluene	8.714	92	76652	17.575	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	39172	17.507	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	42419	16.677	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31765	18.665	ug/l	97
56) Ethyl methacrylate	9.116	69	48186	18.521	ug/l	98
57) 1,3-Dichloropropane	9.305	76	50678	17.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	99739	78.766	ug/l	93
59) 2-Hexanone	9.433	43	191637	100.794	ug/l	99
60) Dibromochloromethane	9.519	129	35496	18.068	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33085	18.119	ug/l	99
64) Tetrachloroethene	9.275	164	33367	17.970	ug/l #	84
65) Chlorobenzene	10.079	112	91125	18.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32397	18.983	ug/l	98
67) Ethyl Benzene	10.195	91	149140	18.756	ug/l	96
68) m/p-Xylenes	10.299	106	119997	37.383	ug/l	92
69) o-Xylene	10.640	106	59786	19.150	ug/l	96
70) Styrene	10.653	104	99006	19.493	ug/l	96
71) Bromoform	10.799	173	28553	19.569	ug/l #	98
73) Isopropylbenzene	10.963	105	158992	15.865	ug/l	97
74) N-amyl acetate	10.842	43	65171	16.546	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	53421	16.903	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43211m	16.651	ug/l	
77) Bromobenzene	11.195	156	45896	15.737	ug/l	78
78) n-propylbenzene	11.305	91	177302	16.385	ug/l	96
79) 2-Chlorotoluene	11.366	91	110914	16.197	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	138063	16.559	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12594	13.692	ug/l	97
82) 4-Chlorotoluene	11.451	91	125791	16.210	ug/l	92
83) tert-Butylbenzene	11.713	119	168125	18.830	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	158977	19.211	ug/l	94
85) sec-Butylbenzene	11.890	105	196650	19.073	ug/l	95
86) p-Isopropyltoluene	12.006	119	173620	19.109	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	95784	18.284	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	96371	17.929	ug/l	95
89) n-Butylbenzene	12.329	91	133834	19.400	ug/l	97
90) Hexachloroethane	12.536	117	27277	18.200	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	99237	18.913	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12787	19.282	ug/l	57
93) 1,2,4-Trichlorobenzene	13.585	180	68194	18.745	ug/l	96
94) Hexachlorobutadiene	13.725	225	35124	18.897	ug/l	99
95) Naphthalene	13.774	128	202577	19.380	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70458	18.387	ug/l	94

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

