

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041155.D
 Acq On : 18 Apr 2024 11:42
 Operator : JC/MD
 Sample : VX0418WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 03:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	228714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.756	114	314111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119305	48.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.640%		
35) Dibromofluoromethane	5.385	113	102933	49.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.120%		
50) Toluene-d8	8.646	98	369608	50.288	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.580%		
62) 4-Bromofluorobenzene	11.079	95	134874	48.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	33398	18.410	ug/l	93
3) Chloromethane	1.300	50	35720	17.717	ug/l	99
4) Vinyl Chloride	1.373	62	37222	16.108	ug/l	99
5) Bromomethane	1.599	94	19382	13.379	ug/l	97
6) Chloroethane	1.666	64	13746	9.012	ug/l	99
7) Trichlorofluoromethane	1.861	101	60236	16.607	ug/l	98
8) Diethyl Ether	2.135	74	24366	17.119	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	37610	17.837	ug/l #	85
10) Methyl Iodide	2.440	142	43234	19.519	ug/l #	86
11) Tert butyl alcohol	3.038	59	39043	80.821	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	34641	17.161	ug/l	85
13) Acrolein	2.239	56	53895	88.711	ug/l	95
14) Allyl chloride	2.654	41	55997	17.152	ug/l #	93
15) Acrylonitrile	3.074	53	103450	86.491	ug/l	100
16) Acetone	2.391	43	85329	82.213	ug/l	96
17) Carbon Disulfide	2.501	76	63621	13.846	ug/l	99
18) Methyl Acetate	2.708	43	50407	19.453	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	119141	19.095	ug/l	100
20) Methylene Chloride	2.782	84	39841	17.989	ug/l	91
21) trans-1,2-Dichloroethene	3.080	96	34946	16.877	ug/l	88
22) Diisopropyl ether	3.763	45	117939	18.864	ug/l	91
23) Vinyl Acetate	3.720	43	518828	91.567	ug/l	95
24) 1,1-Dichloroethane	3.605	63	65630	17.929	ug/l	98
25) 2-Butanone	4.574	43	140070	85.893	ug/l	97
26) 2,2-Dichloropropane	4.464	77	53373	18.369	ug/l	94
27) cis-1,2-Dichloroethene	4.482	96	44492	17.786	ug/l	89
28) Bromochloromethane	4.897	49	25060	15.683	ug/l #	71
29) Tetrahydrofuran	5.013	42	92155	85.361	ug/l	94
30) Chloroform	5.092	83	70301	17.674	ug/l	100
31) Cyclohexane	5.464	56	55577	18.169	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	61300	17.560	ug/l	96
36) 1,1-Dichloropropene	5.690	75	44713	16.831	ug/l	95
37) Ethyl Acetate	4.714	43	56298	17.746	ug/l	99
38) Carbon Tetrachloride	5.665	117	52047	16.897	ug/l	98
39) Methylcyclohexane	7.372	83	60709	18.213	ug/l	92
40) Benzene	6.031	78	148107	18.264	ug/l	98

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41) Methacrylonitrile	4.928	41	29780	17.912	ug/l	93
42) 1,2-Dichloroethane	6.086	62	52934	18.217	ug/l	95
43) Isopropyl Acetate	6.342	43	84196	17.872	ug/l	97
44) Trichloroethene	7.122	130	41790	17.351	ug/l	87
45) 1,2-Dichloropropane	7.427	63	36089	18.742	ug/l	94
46) Dibromomethane	7.579	93	27039	17.860	ug/l #	76
47) Bromodichloromethane	7.823	83	49335	16.741	ug/l	98
48) Methyl methacrylate	7.695	41	41960	18.247	ug/l	91
49) 1,4-Dioxane	7.677	88	18771	349.333	ug/l #	88
51) 4-Methyl-2-Pentanone	8.579	43	285915	89.339	ug/l	98
52) Toluene	8.720	92	95988	18.133	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	47609	16.844	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	54341	17.499	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	38849	18.278	ug/l	97
56) Ethyl methacrylate	9.116	69	58610	17.134	ug/l	93
57) 1,3-Dichloropropane	9.311	76	63390	18.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	138591	92.716	ug/l	93
59) 2-Hexanone	9.433	43	221712	89.556	ug/l	95
60) Dibromochloromethane	9.518	129	42832	16.660	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40710	17.535	ug/l	100
64) Tetrachloroethene	9.268	164	40806	18.285	ug/l	91
65) Chlorobenzene	10.079	112	111764	18.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	38815	18.304	ug/l	98
67) Ethyl Benzene	10.195	91	182396	18.856	ug/l	99
68) m/p-Xylenes	10.299	106	146242	38.010	ug/l	91
69) o-Xylene	10.640	106	71052	18.971	ug/l	94
70) Styrene	10.658	104	120017	18.872	ug/l	95
71) Bromoform	10.805	173	34139	17.092	ug/l #	99
73) Isopropylbenzene	10.963	105	189330	21.109	ug/l	97
74) N-amyl acetate	10.841	43	74306	20.884	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	61492	20.893	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	47200m	19.048	ug/l	
77) Bromobenzene	11.201	156	53494	20.315	ug/l	78
78) n-propylbenzene	11.304	91	201283	20.012	ug/l	95
79) 2-Chlorotoluene	11.365	91	127041	20.719	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	155570	20.822	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15204	17.585	ug/l	99
82) 4-Chlorotoluene	11.457	91	141172	19.774	ug/l	91
83) tert-Butylbenzene	11.713	119	173478	21.770	ug/l	90
84) 1,2,4-Trimethylbenzene	11.749	105	159116	21.339	ug/l	94
85) sec-Butylbenzene	11.890	105	197326	20.638	ug/l	95
86) p-Isopropyltoluene	12.012	119	174389	20.551	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	96783	19.483	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	97571	18.625	ug/l	95
89) n-Butylbenzene	12.335	91	128042	17.786	ug/l	97
90) Hexachloroethane	12.536	117	27264	18.974	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	98761	20.035	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12148	19.029	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.591	180	64982	17.540	ug/l	96
94) Hexachlorobutadiene	13.725	225	34805	19.707	ug/l	98
95) Naphthalene	13.773	128	184724	18.460	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	67887	18.454	ug/l	95

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

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