

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028541.D
 Acq On : 06 May 2022 11:48
 Operator : JC/MD
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Quant Time: May 07 05:59:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	305699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	238408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202161	50.718	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.440%			
35) Dibromofluoromethane	5.385	113	187054	55.168	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.340%			
50) Toluene-d8	8.653	98	652585	50.111	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.220%			
62) 4-Bromofluorobenzene	11.079	95	250667	50.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44478	22.539	ug/l	100
3) Chloromethane	1.294	50	43865	20.632	ug/l	96
4) Vinyl Chloride	1.373	62	53791	17.454	ug/l	97
5) Bromomethane	1.605	94	64768	18.419	ug/l	97
6) Chloroethane	1.684	64	39869	15.864	ug/l	97
7) Trichlorofluoromethane	1.886	101	103135	15.176	ug/l	95
8) Diethyl Ether	2.136	74	40411	17.784	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.324	101	55716	22.507	ug/l	97
10) Methyl Iodide	2.453	142	55634	19.947	ug/l	98
11) Tert butyl alcohol	2.959	59	66640	80.568	ug/l	98
12) 1,1-Dichloroethene	2.318	96	48509	20.648	ug/l	96
13) Acrolein	2.233	56	57629	117.971	ug/l	97
14) Allyl chloride	2.666	41	70959	18.000	ug/l	92
15) Acrylonitrile	3.062	53	160781	98.982	ug/l	99
16) Acetone	2.379	43	141095	115.142	ug/l	94
17) Carbon Disulfide	2.513	76	97421	15.398	ug/l	100
18) Methyl Acetate	2.702	43	70827	19.985	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	191407	19.538	ug/l	97
20) Methylene Chloride	2.788	84	61076	20.651	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	56051	17.543	ug/l	92
22) Diisopropyl ether	3.757	45	169862	18.918	ug/l #	80
23) Vinyl Acetate	3.721	43	721823	92.018	ug/l	100
24) 1,1-Dichloroethane	3.611	63	103649	19.550	ug/l	99
25) 2-Butanone	4.556	43	215317	91.211	ug/l	100
26) 2,2-Dichloropropane	4.477	77	82707	15.978	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	71778	18.841	ug/l	93
28) Bromochloromethane	4.897	49	50664	22.274	ug/l	91
29) Tetrahydrofuran	5.007	42	135179	87.823	ug/l	100
30) Chloroform	5.098	83	119529	18.773	ug/l	99
31) Cyclohexane	5.476	56	77256	15.909	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	102387	17.759	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77532	17.530	ug/l	98
37) Ethyl Acetate	4.714	43	81199	18.094	ug/l	100
38) Carbon Tetrachloride	5.678	117	89162	17.858	ug/l	97
39) Methylcyclohexane	7.378	83	87772	15.729	ug/l	97
40) Benzene	6.037	78	240153	18.550	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43038	18.588	ug/l	96
42) 1,2-Dichloroethane	6.092	62	86832	18.068	ug/l	100
43) Isopropyl Acetate	6.336	43	129263	17.698	ug/l	98
44) Trichloroethene	7.128	130	69943	18.630	ug/l	96
45) 1,2-Dichloropropane	7.433	63	60494	19.090	ug/l	95
46) Dibromomethane	7.580	93	47673	19.178	ug/l	98
47) Bromodichloromethane	7.824	83	89566	18.747	ug/l	98
48) Methyl methacrylate	7.695	41	60931	18.171	ug/l	93
49) 1,4-Dioxane	7.659	88	30839	343.780	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	433782	92.552	ug/l	97
52) Toluene	8.720	92	159763	17.763	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	86732	17.081	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96272	17.656	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	71290	19.508	ug/l	99
56) Ethyl methacrylate	9.116	69	97388	18.384	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	112157	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	237770	95.664	ug/l	94
59) 2-Hexanone	9.433	43	326301	89.876	ug/l	96
60) Dibromochloromethane	9.524	129	73084	18.345	ug/l	97
61) 1,2-Dibromoethane	9.610	107	73880	18.428	ug/l	100
64) Tetrachloroethene	9.274	164	68552	19.704	ug/l	98
65) Chlorobenzene	10.079	112	185501	19.534	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70659	19.974	ug/l	98
67) Ethyl Benzene	10.195	91	309816	19.456	ug/l	98
68) m/p-Xylenes	10.305	106	248583	38.357	ug/l	97
69) o-Xylene	10.640	106	122231	18.917	ug/l	97
70) Styrene	10.658	104	208921	19.958	ug/l	98
71) Bromoform	10.799	173	54031	18.944	ug/l	99
73) Isopropylbenzene	10.963	105	325061	19.837	ug/l	99
74) N-amyl acetate	10.841	43	108577	19.170	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	111598	20.987	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96704m	20.610	ug/l	
77) Bromobenzene	11.201	156	83877	19.654	ug/l	91
78) n-propylbenzene	11.305	91	367622	20.232	ug/l	98
79) 2-Chlorotoluene	11.366	91	219523	19.432	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	270785	19.467	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26347	16.687	ug/l #	86
82) 4-Chlorotoluene	11.457	91	254928	19.590	ug/l	97
83) tert-Butylbenzene	11.713	119	278430	19.603	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	274461	19.850	ug/l	98
85) sec-Butylbenzene	11.890	105	334734	19.534	ug/l	98
86) p-Isopropyltoluene	12.012	119	283373	19.168	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159486	19.889	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	160710	19.087	ug/l	99
89) n-Butylbenzene	12.335	91	231641	19.083	ug/l	98
90) Hexachloroethane	12.542	117	45497	18.297	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	163044	20.467	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22484	19.013	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	98871	20.868	ug/l	99
94) Hexachlorobutadiene	13.725	225	43246	20.455	ug/l	93
95) Naphthalene	13.780	128	328456	20.810	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98436	21.166	ug/l	98

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

