

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027925.D
 Acq On : 02 Apr 2022 11:59
 Operator : JC/MD
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Apr 04 04:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44516	50.578	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	5.385	113	36472	50.956	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.920%			
50) Toluene-d8	8.653	98	124532	49.450	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	53294	49.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12179	19.703	ug/l	98
3) Chloromethane	1.288	50	9485	17.365	ug/l	99
4) Vinyl Chloride	1.373	62	9990	17.833	ug/l	100
5) Bromomethane	1.605	94	6145	24.328	ug/l	96
6) Chloroethane	1.684	64	6391	16.925	ug/l	93
7) Trichlorofluoromethane	1.886	101	19522	19.866	ug/l	98
8) Diethyl Ether	2.136	74	6810	19.307	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	12593	19.716	ug/l	97
10) Methyl Iodide	2.453	142	10753	14.497	ug/l	90
11) Tert butyl alcohol	2.952	59	16750	99.074	ug/l	100
12) 1,1-Dichloroethene	2.318	96	10330	17.627	ug/l	93
13) Acrolein	2.233	56	11549	91.207	ug/l	98
14) Allyl chloride	2.666	41	20215	18.788	ug/l #	88
15) Acrylonitrile	3.062	53	41660	104.943	ug/l	98
16) Acetone	2.379	43	36559	93.856	ug/l	88
17) Carbon Disulfide	2.513	76	17088	14.254	ug/l	96
18) Methyl Acetate	2.702	43	18960	19.746	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	44810	20.069	ug/l	98
20) Methylene Chloride	2.788	84	13020	18.583	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	10842	17.045	ug/l #	83
22) Diisopropyl ether	3.763	45	45981	21.324	ug/l #	92
23) Vinyl Acetate	3.721	43	192809	103.494	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	23978	19.766	ug/l	98
25) 2-Butanone	4.556	43	59524	105.020	ug/l	91
26) 2,2-Dichloropropane	4.477	77	19369	19.991	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	14789	19.281	ug/l	94
28) Bromochloromethane	4.903	49	10895	20.880	ug/l	87
29) Tetrahydrofuran	5.007	42	38041	104.486	ug/l #	84
30) Chloroform	5.092	83	27500	20.392	ug/l	98
31) Cyclohexane	5.476	56	17413	17.898	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	21973	18.836	ug/l	98
36) 1,1-Dichloropropene	5.696	75	16112	17.873	ug/l	99
37) Ethyl Acetate	4.714	43	22860	20.455	ug/l	95
38) Carbon Tetrachloride	5.678	117	18814	18.890	ug/l	95
39) Methylcyclohexane	7.385	83	18854	17.773	ug/l	95
40) Benzene	6.043	78	52027	19.044	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12767	21.477	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	20706	18.968	ug/l	94
43) Isopropyl Acetate	6.342	43	31200	17.430	ug/l	94
44) Trichloroethene	7.128	130	14005	18.863	ug/l	95
45) 1,2-Dichloropropane	7.433	63	14224	19.381	ug/l	94
46) Dibromomethane	7.586	93	10351	18.739	ug/l	89
47) Bromodichloromethane	7.824	83	20666	18.785	ug/l	98
48) Methyl methacrylate	7.695	41	17000	18.109	ug/l #	81
49) 1,4-Dioxane	7.659	88	7187	387.828	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	118904	95.755	ug/l	89
52) Toluene	8.720	92	32995	19.174	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	19359	17.559	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	21469	18.492	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	15174	19.881	ug/l	94
56) Ethyl methacrylate	9.116	69	22589	18.687	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	24607	19.158	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	54663	90.575	ug/l	95
59) 2-Hexanone	9.433	43	91465	95.661	ug/l	85
60) Dibromochloromethane	9.524	129	14587	18.432	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14612	18.322	ug/l	98
64) Tetrachloroethene	9.274	164	12938	18.965	ug/l #	87
65) Chlorobenzene	10.079	112	37533	18.942	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	14017	18.852	ug/l	97
67) Ethyl Benzene	10.195	91	66109	18.386	ug/l	98
68) m/p-Xylenes	10.305	106	49398	37.354	ug/l	90
69) o-Xylene	10.646	106	24640	19.076	ug/l	88
70) Styrene	10.658	104	41740	19.012	ug/l	94
71) Bromoform	10.799	173	10022	18.381	ug/l #	97
73) Isopropylbenzene	10.963	105	67008	18.383	ug/l	98
74) N-amyl acetate	10.841	43	28713	17.488	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	24037	19.419	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	22025m	19.178	ug/l	
77) Bromobenzene	11.201	156	15600	18.772	ug/l	88
78) n-propylbenzene	11.305	91	79800	18.324	ug/l	99
79) 2-Chlorotoluene	11.366	91	50641	18.504	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	58871	18.613	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5849	17.738	ug/l #	71
82) 4-Chlorotoluene	11.457	91	58553	18.644	ug/l	96
83) tert-Butylbenzene	11.719	119	56124	18.350	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	58874	18.668	ug/l	97
85) sec-Butylbenzene	11.890	105	70823	18.764	ug/l	97
86) p-Isopropyltoluene	12.012	119	60291	19.203	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	31014	18.959	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	30652	18.189	ug/l	94
89) n-Butylbenzene	12.335	91	52779	18.696	ug/l	95
90) Hexachloroethane	12.542	117	9249	18.344	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	30980	19.172	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5855	19.649	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	18744	18.968	ug/l	97
94) Hexachlorobutadiene	13.725	225	8782	20.599	ug/l	93
95) Naphthalene	13.780	128	65798	19.070	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19086	19.715	ug/l	93

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

