

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027901.D
 Acq On : 01 Apr 2022 23:43
 Operator : JC/MD
 Sample : VX0401WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBSD02

Quant Time: Apr 02 05:14:04 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66657	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	111064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42990	49.985	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.960%		
35) Dibromofluoromethane	5.391	113	35414	49.399	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.800%		
50) Toluene-d8	8.653	98	119375	47.327	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.079	95	49733	46.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	11326	18.751	ug/l	98
3) Chloromethane	1.288	50	9518	17.833	ug/l	97
4) Vinyl Chloride	1.374	62	10037	18.336	ug/l	95
5) Bromomethane	1.605	94	6464	26.188	ug/l	95
6) Chloroethane	1.685	64	7391	20.030	ug/l	99
7) Trichlorofluoromethane	1.886	101	18221	18.975	ug/l	95
8) Diethyl Ether	2.136	74	7133	20.695	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	11771	18.859	ug/l	95
10) Methyl Iodide	2.453	142	13284	18.327	ug/l	90
11) Tert butyl alcohol	2.959	59	17251	104.421	ug/l	98
12) 1,1-Dichloroethene	2.319	96	10642	18.583	ug/l	94
13) Acrolein	2.233	56	11713	94.663	ug/l	96
14) Allyl chloride	2.666	41	19944	18.969	ug/l #	90
15) Acrylonitrile	3.063	53	42042	108.379	ug/l	98
16) Acetone	2.380	43	38819	101.986	ug/l	90
17) Carbon Disulfide	2.514	76	17118	14.612	ug/l	99
18) Methyl Acetate	2.703	43	19497	20.779	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	44543	20.415	ug/l	98
20) Methylene Chloride	2.788	84	12886	18.821	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	11031	17.747	ug/l	90
22) Diisopropyl ether	3.764	45	43339	20.568	ug/l	87
23) Vinyl Acetate	3.721	43	187453	102.969	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	23717	20.007	ug/l	97
25) 2-Butanone	4.556	43	57723	104.222	ug/l	92
26) 2,2-Dichloropropane	4.477	77	15384	16.249	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	14828	19.783	ug/l	98
28) Bromochloromethane	4.904	49	10853	21.285	ug/l	91
29) Tetrahydrofuran	5.007	42	37761	106.140	ug/l	87
30) Chloroform	5.099	83	26679	20.246	ug/l	99
31) Cyclohexane	5.471	56	17638	18.552	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	21821	19.143	ug/l	98
36) 1,1-Dichloropropene	5.696	75	16874	18.688	ug/l	98
37) Ethyl Acetate	4.715	43	20453	18.272	ug/l	99
38) Carbon Tetrachloride	5.678	117	18539	18.584	ug/l	95
39) Methylcyclohexane	7.385	83	17345	16.324	ug/l	87
40) Benzene	6.038	78	51259	18.733	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11932	20.041	ug/l	89
42) 1,2-Dichloroethane	6.093	62	21395	19.568	ug/l	95
43) Isopropyl Acetate	6.342	43	33486	18.677	ug/l	93
44) Trichloroethene	7.129	130	13692	18.413	ug/l	90
45) 1,2-Dichloropropane	7.428	63	13501	18.366	ug/l	92
46) Dibromomethane	7.580	93	9922	17.934	ug/l	94
47) Bromodichloromethane	7.824	83	18317	16.624	ug/l	95
48) Methyl methacrylate	7.696	41	15093	16.052	ug/l	87
49) 1,4-Dioxane	7.665	88	7280	392.223	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	115141	92.577	ug/l	91
52) Toluene	8.720	92	31627	18.350	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	19233	17.417	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	20008	17.206	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	14963	19.573	ug/l	98
56) Ethyl methacrylate	9.116	69	22975	18.976	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	24779	19.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	48872	80.851	ug/l	98
59) 2-Hexanone	9.433	43	95123	99.329	ug/l	84
60) Dibromochloromethane	9.525	129	14463	18.246	ug/l	93
61) 1,2-Dibromoethane	9.610	107	14940	18.703	ug/l	99
64) Tetrachloroethene	9.275	164	12660	19.611	ug/l #	90
65) Chlorobenzene	10.080	112	35772	19.079	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	13794	19.605	ug/l	98
67) Ethyl Benzene	10.195	91	64961	19.093	ug/l	99
68) m/p-Xylenes	10.305	106	48044	38.393	ug/l	88
69) o-Xylene	10.647	106	24437	19.993	ug/l	90
70) Styrene	10.659	104	40294	19.396	ug/l	93
71) Bromoform	10.799	173	9867	19.029	ug/l #	98
73) Isopropylbenzene	10.964	105	64966	18.361	ug/l	98
74) N-amyl acetate	10.842	43	28801	18.071	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.214	83	23791	19.801	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22033m	19.764	ug/l	
77) Bromobenzene	11.201	156	15095	18.712	ug/l	85
78) n-propylbenzene	11.305	91	76020	17.983	ug/l	98
79) 2-Chlorotoluene	11.366	91	48653	18.314	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	56875	18.525	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5563	17.450	ug/l #	77
82) 4-Chlorotoluene	11.457	91	54503	17.879	ug/l	96
83) tert-Butylbenzene	11.720	119	54687	18.420	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	56946	18.602	ug/l	95
85) sec-Butylbenzene	11.890	105	68314	18.646	ug/l	97
86) p-Isopropyltoluene	12.012	119	55293	18.143	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	29550	18.609	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	29834	18.238	ug/l	95
89) n-Butylbenzene	12.335	91	49006	17.883	ug/l	94
90) Hexachloroethane	12.543	117	8488	17.343	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	29545	18.836	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5557	19.212	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	17423	18.164	ug/l	98
94) Hexachlorobutadiene	13.725	225	8437	20.396	ug/l	90
95) Naphthalene	13.780	128	64687	19.314	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18066	19.225	ug/l	96

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

