

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027829.D
 Acq On : 30 Mar 2022 23:17
 Operator : JC/MD
 Sample : VX0330WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

Quant Time: Mar 31 07:31:31 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	75536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45920	47.116	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.240%		
35) Dibromofluoromethane	5.391	113	39746	49.834	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.660%		
50) Toluene-d8	8.653	98	133785	47.674	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	56079	47.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	14573	21.291	ug/l	99
3) Chloromethane	1.295	50	11567	19.124	ug/l	98
4) Vinyl Chloride	1.374	62	11826	19.065	ug/l	94
5) Bromomethane	1.599	94	7996	28.587	ug/l	93
6) Chloroethane	1.685	64	7933	18.972	ug/l	89
7) Trichlorofluoromethane	1.886	101	21580	19.832	ug/l	100
8) Diethyl Ether	2.136	74	7504	19.212	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	14173	20.038	ug/l	98
10) Methyl Iodide	2.453	142	15493	18.862	ug/l	91
11) Tert butyl alcohol	2.959	59	20428	109.117	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12316	18.978	ug/l	93
13) Acrolein	2.240	56	13047	93.050	ug/l	100
14) Allyl chloride	2.666	41	23053	19.349	ug/l #	86
15) Acrylonitrile	3.063	53	48310	109.898	ug/l	98
16) Acetone	2.380	43	42619	98.808	ug/l	91
17) Carbon Disulfide	2.514	76	21234	15.995	ug/l	99
18) Methyl Acetate	2.703	43	21912	20.608	ug/l	89
19) Methyl tert-butyl Ether	3.117	73	50918	20.594	ug/l	99
20) Methylene Chloride	2.788	84	14893	19.196	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	13063	18.546	ug/l	89
22) Diisopropyl ether	3.764	45	50409	21.111	ug/l #	84
23) Vinyl Acetate	3.727	43	215718	104.567	ug/l	94
24) 1,1-Dichloroethane	3.611	63	27971	20.822	ug/l	99
25) 2-Butanone	4.562	43	61032	97.243	ug/l	94
26) 2,2-Dichloropropane	4.477	77	17453	16.267	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	16809	19.790	ug/l	94
28) Bromochloromethane	4.904	49	10565	18.285	ug/l	96
29) Tetrahydrofuran	5.007	42	39436	97.818	ug/l	90
30) Chloroform	5.099	83	28482	19.073	ug/l	92
31) Cyclohexane	5.471	56	19259	17.876	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	23810	18.433	ug/l	99
36) 1,1-Dichloropropene	5.696	75	18278	18.195	ug/l	100
37) Ethyl Acetate	4.715	43	22123	17.765	ug/l	98
38) Carbon Tetrachloride	5.678	117	20836	18.774	ug/l	99
39) Methylcyclohexane	7.385	83	20724	17.531	ug/l #	83
40) Benzene	6.044	78	57694	18.952	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	12442	18.783	ug/l	93
42) 1,2-Dichloroethane	6.092	62	21988	18.076	ug/l	98
43) Isopropyl Acetate	6.342	43	35677	17.886	ug/l	95
44) Trichloroethene	7.129	130	16258	19.652	ug/l	98
45) 1,2-Dichloropropane	7.434	63	16019	19.587	ug/l	97
46) Dibromomethane	7.580	93	11761	19.108	ug/l	89
47) Bromodichloromethane	7.824	83	23132	18.870	ug/l	100
48) Methyl methacrylate	7.696	41	20743	19.829	ug/l #	79
49) 1,4-Dioxane	7.659	88	8258	399.906	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	142159	102.738	ug/l	87
52) Toluene	8.720	92	35682	18.608	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	21747	17.701	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	23808	18.403	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	16071	18.896	ug/l	96
56) Ethyl methacrylate	9.116	69	25807	19.159	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	27616	19.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	58591	87.124	ug/l	97
59) 2-Hexanone	9.433	43	108049	101.413	ug/l	83
60) Dibromochloromethane	9.525	129	16276	18.457	ug/l	98
61) 1,2-Dibromoethane	9.610	107	16542	18.614	ug/l	98
64) Tetrachloroethene	9.275	164	14543	20.493	ug/l	93
65) Chlorobenzene	10.080	112	38898	18.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15037	19.442	ug/l	99
67) Ethyl Benzene	10.195	91	72868	19.483	ug/l	98
68) m/p-Xylenes	10.305	106	52055	37.842	ug/l	85
69) o-Xylene	10.640	106	26499	19.722	ug/l	89
70) Styrene	10.659	104	44024	19.278	ug/l	93
71) Bromoform	10.805	173	10754	18.887	ug/l #	100
73) Isopropylbenzene	10.964	105	70158	19.656	ug/l	97
74) N-amyl acetate	10.842	43	32230	20.047	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.214	83	25237	20.822	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	24790m	22.044	ug/l	
77) Bromobenzene	11.201	156	16198	19.905	ug/l	87
78) n-propylbenzene	11.305	91	83827	19.658	ug/l	97
79) 2-Chlorotoluene	11.366	91	52053	19.424	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	60581	19.561	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6129	18.737	ug/l #	70
82) 4-Chlorotoluene	11.457	91	59914	19.483	ug/l	95
83) tert-Butylbenzene	11.720	119	58907	19.669	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	60462	19.579	ug/l	97
85) sec-Butylbenzene	11.890	105	72002	19.482	ug/l	97
86) p-Isopropyltoluene	12.012	119	59547	19.370	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	30579	19.090	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	31639	19.173	ug/l	95
89) n-Butylbenzene	12.335	91	53082	19.203	ug/l	93
90) Hexachloroethane	12.543	117	8773	17.770	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	30434	19.235	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6034	20.681	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	17647	18.237	ug/l	98
94) Hexachlorobutadiene	13.725	225	8140	19.542	ug/l	93
95) Naphthalene	13.780	128	65643	19.429	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18123	19.118	ug/l	95

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

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