

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026459.D
 Acq On : 14 Jan 2022 17:49
 Operator : JC/MD
 Sample : VX0115WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS01

Quant Time: Jan 17 00:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	102434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69970	48.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.800%		
35) Dibromofluoromethane	5.391	113	52930	49.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.653	98	197411	50.916	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.840%		
62) 4-Bromofluorobenzene	11.085	95	75589	54.881	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22422	18.537	ug/l	100
3) Chloromethane	1.294	50	20933	18.878	ug/l	95
4) Vinyl Chloride	1.380	62	22198	19.067	ug/l	99
5) Bromomethane	1.611	94	9557	17.796	ug/l	99
6) Chloroethane	1.691	64	13086	22.228	ug/l	97
7) Trichlorofluoromethane	1.892	101	33714	18.342	ug/l	99
8) Diethyl Ether	2.136	74	12181	18.728	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	21409	19.113	ug/l	100
10) Methyl Iodide	2.459	142	23255	22.016	ug/l	100
11) Tert butyl alcohol	2.977	59	25088	126.034	ug/l	95
12) 1,1-Dichloroethene	2.325	96	20164	18.849	ug/l	95
13) Acrolein	2.239	56	21333	100.856	ug/l	99
14) Allyl chloride	2.672	41	37752	19.189	ug/l	98
15) Acrylonitrile	3.068	53	66974	109.299	ug/l	99
16) Acetone	2.386	43	59568	81.632	ug/l	100
17) Carbon Disulfide	2.520	76	55663	17.822	ug/l	99
18) Methyl Acetate	2.709	43	29897	20.609	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	74907	19.297	ug/l	99
20) Methylene Chloride	2.794	84	22325	18.517	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	22103	19.085	ug/l	100
22) Diisopropyl ether	3.763	45	77361	19.359	ug/l	95
23) Vinyl Acetate	3.727	43	333881	101.499	ug/l	99
24) 1,1-Dichloroethane	3.617	63	41136	19.060	ug/l	98
25) 2-Butanone	4.562	43	97546	102.791	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29510	18.447	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25721	19.460	ug/l	99
28) Bromochloromethane	4.903	49	17150	19.352	ug/l	98
29) Tetrahydrofuran	5.013	42	63756	113.120	ug/l	99
30) Chloroform	5.105	83	43302	19.310	ug/l	98
31) Cyclohexane	5.477	56	39487	18.709	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	38115	19.324	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32147	18.926	ug/l	99
37) Ethyl Acetate	4.721	43	37304	21.711	ug/l	99
38) Carbon Tetrachloride	5.684	117	33125	18.960	ug/l	98
39) Methylcyclohexane	7.385	83	39703	19.379	ug/l	98
40) Benzene	6.043	78	91659	19.524	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20294	20.851	ug/l	99
42) 1,2-Dichloroethane	6.092	62	35934	19.563	ug/l	99
43) Isopropyl Acetate	6.342	43	57352	20.664	ug/l	99
44) Trichloroethene	7.129	130	25718	19.306	ug/l	95
45) 1,2-Dichloropropane	7.434	63	23656	20.187	ug/l	99
46) Dibromomethane	7.586	93	16454	19.918	ug/l	99
47) Bromodichloromethane	7.824	83	32474	19.456	ug/l	97
48) Methyl methacrylate	7.696	41	28459	20.691	ug/l	99
49) 1,4-Dioxane	7.677	88	11482	508.679	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	186567	113.331	ug/l	100
52) Toluene	8.720	92	57486	19.968	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31054	18.629	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	34507	19.248	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23291	20.731	ug/l	98
56) Ethyl methacrylate	9.116	69	36299	21.083	ug/l	99
57) 1,3-Dichloropropane	9.311	76	40567	20.827	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	474	0.525	ug/l #	75
59) 2-Hexanone	9.433	43	143306	113.737	ug/l	100
60) Dibromochloromethane	9.525	129	24312	20.766	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24445	20.881	ug/l	99
64) Tetrachloroethene	9.275	164	25849	18.574	ug/l	95
65) Chlorobenzene	10.079	112	61069	19.684	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22666	19.663	ug/l	98
67) Ethyl Benzene	10.195	91	111811	19.832	ug/l	99
68) m/p-Xylenes	10.305	106	85628	40.585	ug/l	100
69) o-Xylene	10.646	106	40423	19.856	ug/l	96
70) Styrene	10.659	104	68616	20.655	ug/l	100
71) Bromoform	10.799	173	15878	19.435	ug/l #	97
73) Isopropylbenzene	10.963	105	110305	18.959	ug/l	100
74) N-amyl acetate	10.848	43	44314	19.729	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	32446	20.777	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	31531m	20.176	ug/l	
77) Bromobenzene	11.201	156	25502	19.133	ug/l	99
78) n-propylbenzene	11.305	91	127325	19.191	ug/l	99
79) 2-Chlorotoluene	11.366	91	76568	19.031	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92883	19.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7998	19.511	ug/l	93
82) 4-Chlorotoluene	11.457	91	88600	19.161	ug/l	99
83) tert-Butylbenzene	11.713	119	89185	19.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	92757	19.334	ug/l	99
85) sec-Butylbenzene	11.890	105	113335	19.568	ug/l	100
86) p-Isopropyltoluene	12.012	119	96099	19.776	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	48348	19.352	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	48437	19.154	ug/l	97
89) n-Butylbenzene	12.335	91	81311	19.499	ug/l	99
90) Hexachloroethane	12.542	117	13840	18.501	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46914	19.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7685	20.361	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	28456	18.799	ug/l	96
94) Hexachlorobutadiene	13.725	225	12814	20.054	ug/l	97
95) Naphthalene	13.780	128	101120	20.028	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29211	19.623	ug/l	98

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

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