

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026778.D
 Acq On : 07 Feb 2022 12:47
 Operator : JC/MD
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 07 23:27:57 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56232	44.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.900%		
35) Dibromofluoromethane	5.385	113	45646	48.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.647	98	170813	50.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.200%		
62) 4-Bromofluorobenzene	11.079	95	66705	55.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	15371	14.373	ug/l	97
3) Chloromethane	1.294	50	15122	15.424	ug/l	98
4) Vinyl Chloride	1.380	62	15917	15.463	ug/l	97
5) Bromomethane	1.618	94	8704	18.331	ug/l	94
6) Chloroethane	1.691	64	9637	18.515	ug/l	100
7) Trichlorofluoromethane	1.892	101	26004	16.001	ug/l	99
8) Diethyl Ether	2.136	74	10117	17.593	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	17909	18.083	ug/l	98
10) Methyl Iodide	2.459	142	21834	23.104	ug/l	96
11) Tert butyl alcohol	2.989	59	16270	92.444	ug/l	99
12) 1,1-Dichloroethene	2.325	96	16436	17.377	ug/l	89
13) Acrolein	2.239	56	12757	68.213	ug/l	100
14) Allyl chloride	2.666	41	30538	17.556	ug/l	96
15) Acrylonitrile	3.062	53	55518	102.474	ug/l	99
16) Acetone	2.386	43	54549	84.548	ug/l	100
17) Carbon Disulfide	2.514	76	37813	13.693	ug/l	98
18) Methyl Acetate	2.703	43	26159	20.394	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	63081	18.380	ug/l	98
20) Methylene Chloride	2.794	84	19940	18.706	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	17811	17.394	ug/l	96
22) Diisopropyl ether	3.764	45	65220	18.459	ug/l	95
23) Vinyl Acetate	3.721	43	268099	92.179	ug/l	99
24) 1,1-Dichloroethane	3.611	63	34130	17.886	ug/l	99
25) 2-Butanone	4.562	43	80916	96.438	ug/l	100
26) 2,2-Dichloropropane	4.477	77	26062	18.426	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	22194	18.991	ug/l	95
28) Bromochloromethane	4.897	49	12648	16.142	ug/l	94
29) Tetrahydrofuran	5.007	42	50138	100.613	ug/l	99
30) Chloroform	5.099	83	36920	18.621	ug/l	99
31) Cyclohexane	5.477	56	29776	15.956	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	31279	17.936	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25517	17.256	ug/l	99
37) Ethyl Acetate	4.715	43	28591	19.113	ug/l	98
38) Carbon Tetrachloride	5.678	117	27658	18.183	ug/l	97
39) Methylcyclohexane	7.379	83	30691	17.207	ug/l	98
40) Benzene	6.037	78	76611	18.744	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16408	19.363	ug/l	95
42) 1,2-Dichloroethane	6.086	62	28541	17.847	ug/l	97
43) Isopropyl Acetate	6.336	43	47500	19.658	ug/l	99
44) Trichloroethene	7.129	130	23016	19.845	ug/l	99
45) 1,2-Dichloropropane	7.428	63	19811	19.418	ug/l	97
46) Dibromomethane	7.580	93	14279	19.854	ug/l	97
47) Bromodichloromethane	7.824	83	28926	19.906	ug/l	98
48) Methyl methacrylate	7.690	41	23490	19.616	ug/l	97
49) 1,4-Dioxane	7.684	88	7072	359.866	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	154221	107.604	ug/l	98
52) Toluene	8.720	92	49663	19.814	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28456	19.509	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31569	20.226	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	21613	22.097	ug/l	98
56) Ethyl methacrylate	9.116	69	31940	21.308	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35245	20.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	74437	94.703	ug/l	98
59) 2-Hexanone	9.427	43	114692	104.555	ug/l	97
60) Dibromochloromethane	9.519	129	22576	22.149	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21724	21.314	ug/l	99
64) Tetrachloroethene	9.275	164	25812	20.422	ug/l	95
65) Chlorobenzene	10.079	112	55106	19.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20804	19.871	ug/l	98
67) Ethyl Benzene	10.195	91	97296	19.002	ug/l	99
68) m/p-Xylenes	10.299	106	74481	38.870	ug/l	99
69) o-Xylene	10.640	106	37584	20.327	ug/l	96
70) Styrene	10.659	104	62277	20.641	ug/l	98
71) Bromoform	10.799	173	15824	21.107	ug/l #	100
73) Isopropylbenzene	10.963	105	98675	18.847	ug/l	99
74) N-amyl acetate	10.842	43	38025	18.813	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	26622	18.944	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	28517m	20.278	ug/l	
77) Bromobenzene	11.201	156	23653	19.720	ug/l	97
78) n-propylbenzene	11.305	91	111688	18.707	ug/l	99
79) 2-Chlorotoluene	11.366	91	67735	18.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	82519	19.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8219	21.575	ug/l	95
82) 4-Chlorotoluene	11.457	91	78098	18.769	ug/l	98
83) tert-Butylbenzene	11.713	119	76797	19.059	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82084	19.013	ug/l	98
85) sec-Butylbenzene	11.890	105	102280	19.624	ug/l	99
86) p-Isopropyltoluene	12.012	119	86895	19.872	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43904	19.529	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	43794	19.245	ug/l	98
89) n-Butylbenzene	12.335	91	72892	19.425	ug/l	99
90) Hexachloroethane	12.542	117	13082	19.325	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	42738	20.116	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6210	18.284	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	26455	19.422	ug/l	98
94) Hexachlorobutadiene	13.725	225	11758	20.449	ug/l	97
95) Naphthalene	13.774	128	89644	19.731	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26373	19.688	ug/l	99

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

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