

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011722\
 Data File : VX026484.D
 Acq On : 17 Jan 2022 12:35
 Operator : JC/MD
 Sample : VX0117WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 18 00:40:39 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	100072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66996	47.925	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.860%		
35) Dibromofluoromethane	5.385	113	50833	48.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	8.653	98	184783	48.828	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.079	95	69323	51.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21862	18.501	ug/l	100
3) Chloromethane	1.294	50	20541	18.962	ug/l	95
4) Vinyl Chloride	1.380	62	21794	19.162	ug/l	96
5) Bromomethane	1.617	94	10795	20.575	ug/l	95
6) Chloroethane	1.691	64	12008	20.879	ug/l	97
7) Trichlorofluoromethane	1.892	101	33414	18.608	ug/l	100
8) Diethyl Ether	2.136	74	12267	19.306	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	21364	19.523	ug/l	99
10) Methyl Iodide	2.459	142	24975	23.761	ug/l	99
11) Tert butyl alcohol	3.001	59	19995m	102.819	ug/l	
12) 1,1-Dichloroethene	2.325	96	20067	19.201	ug/l	98
13) Acrolein	2.239	56	19734	95.498	ug/l	99
14) Allyl chloride	2.672	41	38109	19.828	ug/l	97
15) Acrylonitrile	3.068	53	63884	106.717	ug/l	99
16) Acetone	2.392	43	72249	101.347	ug/l	98
17) Carbon Disulfide	2.520	76	55137	18.070	ug/l	99
18) Methyl Acetate	2.709	43	28849	20.356	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73123	19.283	ug/l	100
20) Methylene Chloride	2.794	84	22859	19.407	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	22236	19.653	ug/l	100
22) Diisopropyl ether	3.763	45	76599	19.620	ug/l	97
23) Vinyl Acetate	3.727	43	325438	101.267	ug/l	99
24) 1,1-Dichloroethane	3.617	63	40859	19.379	ug/l	99
25) 2-Butanone	4.562	43	98177	105.898	ug/l	98
26) 2,2-Dichloropropane	4.483	77	30051	19.228	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	25160	19.485	ug/l	100
28) Bromochloromethane	4.903	49	16684	19.271	ug/l	98
29) Tetrahydrofuran	5.013	42	59049	107.241	ug/l	99
30) Chloroform	5.098	83	59698	27.250	ug/l	99
31) Cyclohexane	5.470	56	37891	18.377	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	37561	19.492	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31815	19.191	ug/l	100
37) Ethyl Acetate	4.721	43	35201	20.990	ug/l	99
38) Carbon Tetrachloride	5.678	117	33365	19.566	ug/l	99
39) Methylcyclohexane	7.385	83	37696	18.851	ug/l	98
40) Benzene	6.043	78	89581	19.549	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19563	20.593	ug/l	98
42) 1,2-Dichloroethane	6.092	62	35838	19.990	ug/l	99
43) Isopropyl Acetate	6.342	43	55516	20.493	ug/l	100
44) Trichloroethene	7.129	130	25142	19.336	ug/l	99
45) 1,2-Dichloropropane	7.433	63	22866	19.991	ug/l	96
46) Dibromomethane	7.580	93	16316	20.236	ug/l	100
47) Bromodichloromethane	7.824	83	34705	21.303	ug/l	99
48) Methyl methacrylate	7.696	41	27443	20.441	ug/l	99
49) 1,4-Dioxane	7.683	88	10711	486.164	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	177684	110.583	ug/l	100
52) Toluene	8.720	92	55705	19.824	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	31544	19.311	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	35533	20.307	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22724	20.723	ug/l	99
56) Ethyl methacrylate	9.116	69	35051	20.857	ug/l	99
57) 1,3-Dichloropropane	9.311	76	39536	20.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	93020	105.562	ug/l	99
59) 2-Hexanone	9.433	43	139615	113.527	ug/l	100
60) Dibromochloromethane	9.525	129	24306	21.271	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23851	20.873	ug/l	100
64) Tetrachloroethene	9.275	164	26330	19.437	ug/l	97
65) Chlorobenzene	10.079	112	58815	19.476	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22169	19.757	ug/l	99
67) Ethyl Benzene	10.195	91	108085	19.696	ug/l	99
68) m/p-Xylenes	10.305	106	82380	40.114	ug/l	100
69) o-Xylene	10.640	106	39579	19.973	ug/l	100
70) Styrene	10.658	104	66128	20.451	ug/l	100
71) Bromoform	10.799	173	15743	19.755	ug/l #	98
73) Isopropylbenzene	10.963	105	105219	18.954	ug/l	100
74) N-amyl acetate	10.841	43	42661	19.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	30317	20.346	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31076m	20.840	ug/l	
77) Bromobenzene	11.201	156	24794	19.496	ug/l	99
78) n-propylbenzene	11.305	91	122625	19.371	ug/l	99
79) 2-Chlorotoluene	11.366	91	74065	19.294	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88925	19.430	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8382	20.941	ug/l	96
82) 4-Chlorotoluene	11.457	91	85211	19.314	ug/l	99
83) tert-Butylbenzene	11.713	119	84124	19.690	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	89481	19.548	ug/l	99
85) sec-Butylbenzene	11.890	105	106890	19.342	ug/l	99
86) p-Isopropyltoluene	12.012	119	92186	19.883	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45845	19.232	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46833	19.410	ug/l	98
89) n-Butylbenzene	12.335	91	77964	19.595	ug/l	100
90) Hexachloroethane	12.542	117	13837	19.282	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44862	19.914	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7726	21.453	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	28009	19.393	ug/l	100
94) Hexachlorobutadiene	13.725	225	12366	20.283	ug/l	98
95) Naphthalene	13.780	128	98824	20.514	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28733	20.229	ug/l	99

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

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