

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026150.D
 Acq On : 29 Dec 2021 20:05
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2022
 Supervised By : Mahesh Dadoda 01/01/2022

Quant Time: Dec 30 07:40:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 07:38:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	111760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74850	47.382	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.760%		
35) Dibromofluoromethane	5.391	113	56516	45.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.800%		
50) Toluene-d8	8.653	98	210935	46.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.100%		
62) 4-Bromofluorobenzene	11.085	95	74896	43.574	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	61283	58.659	ug/l	99
3) Chloromethane	1.294	50	68990	52.701	ug/l	99
4) Vinyl Chloride	1.374	62	72458	51.755	ug/l	100
5) Bromomethane	1.611	94	45765	46.962	ug/l	100
6) Chloroethane	1.691	64	48995	48.568	ug/l	98
7) Trichlorofluoromethane	1.892	101	127452	54.061	ug/l	95
8) Diethyl Ether	2.136	74	43869	49.042	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	65974	53.802	ug/l	100
10) Methyl Iodide	2.459	142	88486	57.452	ug/l	99
11) Tert butyl alcohol	2.983	59	75392	234.688	ug/l #	83
12) 1,1-Dichloroethene	2.325	96	62256	52.015	ug/l	91
13) Acrolein	2.239	56	26273	131.249	ug/l	98
14) Allyl chloride	2.672	41	123883	56.003	ug/l	96
15) Acrylonitrile	3.069	53	203263	268.383	ug/l	99
16) Acetone	2.386	43	211781	271.805	ug/l	96
17) Carbon Disulfide	2.514	76	177297	51.583	ug/l	99
18) Methyl Acetate	2.709	43	143017	57.349	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	221862	53.130	ug/l	100
20) Methylene Chloride	2.794	84	71825	46.233	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	66845	50.712	ug/l	93
22) Diisopropyl ether	3.770	45	241151	56.692	ug/l	90
23) Vinyl Acetate	3.727	43	980894	297.061	ug/l	97
24) 1,1-Dichloroethane	3.617	63	129392	53.607	ug/l	99
25) 2-Butanone	4.562	43	307397	281.054	ug/l	96
26) 2,2-Dichloropropane	4.483	77	97816	53.141	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	78289	50.184	ug/l	93
28) Bromochloromethane	4.904	49	55638	52.205	ug/l	86
29) Tetrahydrofuran	5.013	42	197645	283.328	ug/l	93
30) Chloroform	5.105	83	135710	51.623	ug/l	100
31) Cyclohexane	5.477	56	118677	57.572	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	118997	51.789	ug/l	97
36) 1,1-Dichloropropene	5.702	75	99898	55.877	ug/l	97
37) Ethyl Acetate	4.721	43	118066	59.427	ug/l	97
38) Carbon Tetrachloride	5.684	117	110318	53.339	ug/l	99
39) Methylcyclohexane	7.385	83	113517	55.823	ug/l	95
40) Benzene	6.044	78	283204	54.029	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66730	60.191	ug/l	94
42) 1,2-Dichloroethane	6.092	62	112938	56.263	ug/l	98
43) Isopropyl Acetate	6.348	43	188866	58.975	ug/l	96
44) Trichloroethene	7.129	130	75342	51.752	ug/l	90
45) 1,2-Dichloropropane	7.434	63	74278	55.785	ug/l	96
46) Dibromomethane	7.586	93	53479	52.311	ug/l	98
47) Bromodichloromethane	7.824	83	109419	54.059	ug/l	93
48) Methyl methacrylate	7.696	41	92305	60.929	ug/l	94
49) 1,4-Dioxane	7.684	88	33891	1061.068	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	600942	288.512	ug/l	97
52) Toluene	8.720	92	177341	53.484	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	109881	56.973	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	118916	56.161	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	71960	50.857	ug/l	99
56) Ethyl methacrylate	9.116	69	115617	56.263	ug/l	89
57) 1,3-Dichloropropane	9.311	76	122495	52.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	282746	306.823	ug/l	94
59) 2-Hexanone	9.433	43	457008	290.266	ug/l	95
60) Dibromochloromethane	9.525	129	82085	51.486	ug/l	100
61) 1,2-Dibromoethane	9.610	107	77198	50.429	ug/l	99
64) Tetrachloroethene	9.275	164	68568	51.841	ug/l	97
65) Chlorobenzene	10.079	112	185088	53.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	72227	53.619	ug/l	100
67) Ethyl Benzene	10.195	91	340263	57.523	ug/l	96
68) m/p-Xylenes	10.305	106	256941	112.720	ug/l	93
69) o-Xylene	10.646	106	126195	56.278	ug/l	95
70) Styrene	10.659	104	212456	57.117	ug/l	97
71) Bromoform	10.799	173	59504	53.955	ug/l #	99
73) Isopropylbenzene	10.963	105	331838	55.237	ug/l	98
74) N-amyl acetate	10.848	43	158955	64.164	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	109238	52.830	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99585m	52.995	ug/l	
77) Bromobenzene	11.201	156	78667	51.991	ug/l	96
78) n-propylbenzene	11.305	91	394076	57.576	ug/l	97
79) 2-Chlorotoluene	11.366	91	232476	54.068	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	279155	56.205	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	35186	57.261	ug/l	91
82) 4-Chlorotoluene	11.457	91	270034	55.965	ug/l	96
83) tert-Butylbenzene	11.719	119	271560	55.535	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	278705	56.386	ug/l	97
85) sec-Butylbenzene	11.890	105	338200	57.313	ug/l	99
86) p-Isopropyltoluene	12.012	119	282001	57.103	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	148226	52.424	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	154891	53.363	ug/l	99
89) n-Butylbenzene	12.335	91	251970	60.078	ug/l	98
90) Hexachloroethane	12.542	117	55422	56.835	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	143928	53.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27817	58.889	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	90427	63.660	ug/l	99
94) Hexachlorobutadiene	13.725	225	36985	61.281	ug/l	96
95) Naphthalene	13.780	128	345714	72.182	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	92801	65.334	ug/l	99

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

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