

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030991.D
 Acq On : 31 Aug 2022 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 01 00:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	184129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	314793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121768	46.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.220%		
35) Dibromofluoromethane	5.391	113	113561	48.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	8.653	98	422563	49.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.085	95	146030	47.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89679	46.037	ug/l	96
3) Chloromethane	1.288	50	77928	39.693	ug/l	100
4) Vinyl Chloride	1.374	62	97536	42.052	ug/l	98
5) Bromomethane	1.605	94	33908	47.040	ug/l	100
6) Chloroethane	1.685	64	55504	39.800	ug/l	99
7) Trichlorofluoromethane	1.886	101	160543	45.510	ug/l	97
8) Diethyl Ether	2.136	74	57756	42.424	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	103498	45.624	ug/l	96
10) Methyl Iodide	2.453	142	110755	52.354	ug/l	95
11) Tert butyl alcohol	2.989	59	123599	197.540	ug/l	98
12) 1,1-Dichloroethene	2.319	96	102362	45.744	ug/l	97
13) Acrolein	2.239	56	76521	241.177	ug/l	98
14) Allyl chloride	2.666	41	144246	39.732	ug/l	95
15) Acrylonitrile	3.068	53	300587	217.556	ug/l	98
16) Acetone	2.386	43	238009	199.683	ug/l	98
17) Carbon Disulfide	2.508	76	259134	43.877	ug/l	100
18) Methyl Acetate	2.709	43	145792	41.695	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	338321	46.419	ug/l	95
20) Methylene Chloride	2.788	84	119972	44.270	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	110109	45.380	ug/l	98
22) Diisopropyl ether	3.770	45	309213	41.334	ug/l #	82
23) Vinyl Acetate	3.727	43	1266737	211.070	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	198184	45.238	ug/l	98
25) 2-Butanone	4.562	43	389125	201.666	ug/l	90
26) 2,2-Dichloropropane	4.477	77	116847	35.394	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	131015	46.857	ug/l	95
28) Bromochloromethane	4.903	49	60834	42.928	ug/l #	78
29) Tetrahydrofuran	5.013	42	247447	198.234	ug/l	87
30) Chloroform	5.105	83	212339	46.722	ug/l	95
31) Cyclohexane	5.477	56	162046	41.457	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	179151	46.502	ug/l	96
36) 1,1-Dichloropropene	5.696	75	152830	44.312	ug/l	99
37) Ethyl Acetate	4.721	43	148412	40.931	ug/l	96
38) Carbon Tetrachloride	5.684	117	156204	47.573	ug/l	98
39) Methylcyclohexane	7.379	83	185118	43.881	ug/l	95
40) Benzene	6.043	78	461419	46.419	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	82646	41.965	ug/l	93
42) 1,2-Dichloroethane	6.092	62	149309	45.217	ug/l	100
43) Isopropyl Acetate	6.348	43	225018	39.993	ug/l #	93
44) Trichloroethene	7.129	130	132411	45.215	ug/l	97
45) 1,2-Dichloropropane	7.434	63	114552	43.173	ug/l	99
46) Dibromomethane	7.586	93	83909	46.308	ug/l	94
47) Bromodichloromethane	7.824	83	161050	46.233	ug/l	95
48) Methyl methacrylate	7.696	41	110576	39.263	ug/l #	87
49) 1,4-Dioxane	7.671	88	64477	871.141	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	748821	201.643	ug/l	91
52) Toluene	8.720	92	291035	47.916	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	163226	46.438	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	184399	45.858	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	124182	47.135	ug/l	98
56) Ethyl methacrylate	9.122	69	180406	46.755	ug/l	87
57) 1,3-Dichloropropane	9.311	76	197926	45.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	462253	238.525	ug/l	97
59) 2-Hexanone	9.433	43	571907	207.101	ug/l	90
60) Dibromochloromethane	9.525	129	129261	49.366	ug/l	100
61) 1,2-Dibromoethane	9.610	107	132652	48.768	ug/l	100
64) Tetrachloroethene	9.275	164	134132	49.171	ug/l	97
65) Chlorobenzene	10.079	112	313279	45.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	117933	48.809	ug/l	98
67) Ethyl Benzene	10.195	91	561356	46.407	ug/l	99
68) m/p-Xylenes	10.305	106	436649	95.301	ug/l	99
69) o-Xylene	10.646	106	216604	48.303	ug/l	99
70) Styrene	10.659	104	364149	48.104	ug/l	100
71) Bromoform	10.805	173	97394	51.369	ug/l #	99
73) Isopropylbenzene	10.963	105	568780	48.292	ug/l	100
74) N-amyl acetate	10.848	43	187346	41.143	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	178455	44.226	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	164643m	44.922	ug/l	
77) Bromobenzene	11.201	156	138376	48.483	ug/l	92
78) n-propylbenzene	11.305	91	651618	47.208	ug/l	98
79) 2-Chlorotoluene	11.366	91	383172	44.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	473269	47.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	52362	42.477	ug/l	94
82) 4-Chlorotoluene	11.457	91	439173	45.823	ug/l	100
83) tert-Butylbenzene	11.719	119	458175	47.030	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	476816	46.931	ug/l	98
85) sec-Butylbenzene	11.890	105	593432	46.931	ug/l	100
86) p-Isopropyltoluene	12.012	119	496987	47.377	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	261544	46.477	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	261665	45.350	ug/l	98
89) n-Butylbenzene	12.335	91	424858	43.272	ug/l	98
90) Hexachloroethane	12.542	117	81867	44.450	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	262292	45.950	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41154	40.887	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	165928	45.472	ug/l	98
94) Hexachlorobutadiene	13.725	225	65583	42.323	ug/l	98
95) Naphthalene	13.780	128	605647	46.409	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	171624	46.583	ug/l	99

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

