

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031535.D
 Acq On : 21 Sep 2022 19:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 01:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	47918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44407	50.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	5.391	113	38864	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	8.653	98	145968	49.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	11.079	95	51894	51.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38151	55.376	ug/l	99
3) Chloromethane	1.288	50	44548	48.740	ug/l	99
4) Vinyl Chloride	1.368	62	54585	52.374	ug/l	98
5) Bromomethane	1.612	94	80252	54.079	ug/l	98
6) Chloroethane	1.685	64	75677	85.967	ug/l	96
7) Trichlorofluoromethane	1.886	101	118248	50.020	ug/l	99
8) Diethyl Ether	2.136	74	39676	48.731	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	37338	48.393	ug/l	91
10) Methyl Iodide	2.453	142	34941	46.807	ug/l	98
11) Tert butyl alcohol	3.002	59	53579	294.618	ug/l	97
12) 1,1-Dichloroethene	2.319	96	35797	47.994	ug/l	95
13) Acrolein	2.239	56	19639	203.684	ug/l	99
14) Allyl chloride	2.666	41	55151	45.343	ug/l	93
15) Acrylonitrile	3.069	53	113302	245.002	ug/l	99
16) Acetone	2.392	43	95652	276.666	ug/l	96
17) Carbon Disulfide	2.508	76	86783	43.183	ug/l	100
18) Methyl Acetate	2.709	43	62813	47.832	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	134037	49.688	ug/l	99
20) Methylene Chloride	2.788	84	41043	52.391	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	40021	47.517	ug/l	93
22) Diisopropyl ether	3.764	45	129784	49.273	ug/l	94
23) Vinyl Acetate	3.727	43	569286	252.731	ug/l	98
24) 1,1-Dichloroethane	3.611	63	71585	48.092	ug/l	98
25) 2-Butanone	4.568	43	167537	246.940	ug/l	96
26) 2,2-Dichloropropane	4.477	77	53516	40.702	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	48437	47.716	ug/l	87
28) Bromochloromethane	4.904	49	29355	49.367	ug/l	90
29) Tetrahydrofuran	5.013	42	109629	247.776	ug/l	95
30) Chloroform	5.093	83	81786	50.099	ug/l	96
31) Cyclohexane	5.477	56	62026	47.588	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	71532	48.241	ug/l	100
36) 1,1-Dichloropropene	5.696	75	56557	47.878	ug/l	96
37) Ethyl Acetate	4.721	43	69196	49.102	ug/l	99
38) Carbon Tetrachloride	5.678	117	63085	48.179	ug/l	99
39) Methylcyclohexane	7.379	83	67944	46.746	ug/l	90
40) Benzene	6.038	78	171563	48.682	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33798	48.170	ug/l	95
42) 1,2-Dichloroethane	6.092	62	64219	49.438	ug/l	98
43) Isopropyl Acetate	6.348	43	108420	50.057	ug/l	99
44) Trichloroethene	7.129	130	48604	48.642	ug/l	91
45) 1,2-Dichloropropane	7.434	63	42596	48.084	ug/l	90
46) Dibromomethane	7.586	93	33067	48.493	ug/l	91
47) Bromodichloromethane	7.824	83	63054	49.181	ug/l	98
48) Methyl methacrylate	7.696	41	48210	48.720	ug/l	89
49) 1,4-Dioxane	7.702	88	23430	1036.819	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	368015	264.164	ug/l	100
52) Toluene	8.720	92	116436	50.659	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	66753	50.315	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69164	47.668	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	48181	50.874	ug/l	95
56) Ethyl methacrylate	9.116	69	72397	53.748	ug/l	95
57) 1,3-Dichloropropane	9.311	76	77686	49.986	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	135949	243.551	ug/l	95
59) 2-Hexanone	9.433	43	283371	270.838	ug/l	99
60) Dibromochloromethane	9.525	129	52021	51.727	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52455	51.413	ug/l	98
64) Tetrachloroethene	9.275	164	51507	50.315	ug/l	97
65) Chlorobenzene	10.080	112	126896	48.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	47202	49.777	ug/l	96
67) Ethyl Benzene	10.195	91	227671	49.062	ug/l	99
68) m/p-Xylenes	10.305	106	184869	99.133	ug/l	98
69) o-Xylene	10.640	106	91263	51.272	ug/l	95
70) Styrene	10.659	104	150515	51.359	ug/l	98
71) Bromoform	10.799	173	39586	52.175	ug/l #	100
73) Isopropylbenzene	10.964	105	239101	50.015	ug/l	100
74) N-amyl acetate	10.842	43	103216	53.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79050	61.414	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70353m	49.239	ug/l	
77) Bromobenzene	11.201	156	59028	50.099	ug/l	93
78) n-propylbenzene	11.305	91	279853	50.882	ug/l	99
79) 2-Chlorotoluene	11.366	91	159616	48.757	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206231	50.832	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22463	50.621	ug/l	95
82) 4-Chlorotoluene	11.457	91	195557	50.901	ug/l	100
83) tert-Butylbenzene	11.719	119	200737	51.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	206434	51.666	ug/l	98
85) sec-Butylbenzene	11.890	105	259260	52.098	ug/l	99
86) p-Isopropyltoluene	12.012	119	219227	52.170	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114964	50.906	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	117393	49.837	ug/l	98
89) n-Butylbenzene	12.335	91	189554	52.956	ug/l	97
90) Hexachloroethane	12.543	117	37284	51.636	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114266	50.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17300	52.665	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	65376	52.171	ug/l	98
94) Hexachlorobutadiene	13.725	225	24194	59.113	ug/l	97
95) Naphthalene	13.774	128	246085	53.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66876	51.779	ug/l	97

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

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