

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027923.D
 Acq On : 02 Apr 2022 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 04 05:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39633	46.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	33603	49.216	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.440%
50) Toluene-d8	8.653	98	114284	47.573	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.140%
62) 4-Bromofluorobenzene	11.079	95	50672	49.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29435	49.509	ug/l	98
3) Chloromethane	1.294	50	23020	43.816	ug/l	99
4) Vinyl Chloride	1.374	62	24106	44.739	ug/l	99
5) Bromomethane	1.599	94	10383	42.736	ug/l	97
6) Chloroethane	1.679	64	15662	43.121	ug/l	98
7) Trichlorofluoromethane	1.886	101	46134	48.809	ug/l	94
8) Diethyl Ether	2.136	74	17695	52.155	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	30791	50.118	ug/l	97
10) Methyl Iodide	2.453	142	30392	42.597	ug/l #	89
11) Tert butyl alcohol	2.959	59	40050	246.285	ug/l	100
12) 1,1-Dichloroethene	2.319	96	26289	46.637	ug/l	98
13) Acrolein	2.233	56	41323	339.287	ug/l	98
14) Allyl chloride	2.666	41	51324	49.592	ug/l #	90
15) Acrylonitrile	3.062	53	104100	272.631	ug/l	99
16) Acetone	2.374	43	92544	247.005	ug/l	89
17) Carbon Disulfide	2.508	76	44304	38.421	ug/l	100
18) Methyl Acetate	2.703	43	47482	51.410	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	115496	53.777	ug/l	97
20) Methylene Chloride	2.788	84	32758	48.609	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	27730	45.323	ug/l	93
22) Diisopropyl ether	3.757	45	113458	54.703	ug/l #	82
23) Vinyl Acetate	3.721	43	506881	282.868	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	61492	52.700	ug/l	96
25) 2-Butanone	4.550	43	148880	273.091	ug/l	92
26) 2,2-Dichloropropane	4.477	77	51264	55.008	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	37296	50.552	ug/l	94
28) Bromochloromethane	4.897	49	25725	51.256	ug/l #	7
29) Tetrahydrofuran	5.001	42	87951	251.153	ug/l	88
30) Chloroform	5.093	83	62828	48.437	ug/l	97
31) Cyclohexane	5.477	56	41791	44.657	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53221	47.433	ug/l	99
36) 1,1-Dichloropropene	5.690	75	40287	46.848	ug/l	99
37) Ethyl Acetate	4.708	43	57316	53.764	ug/l	95
38) Carbon Tetrachloride	5.678	117	47601	50.102	ug/l	98
39) Methylcyclohexane	7.379	83	46628	46.078	ug/l	92
40) Benzene	6.038	78	127464	48.911	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	29658	52.303	ug/l	92
42) 1,2-Dichloroethane	6.086	62	53182	51.071	ug/l	96
43) Isopropyl Acetate	6.336	43	80933	47.398	ug/l	94
44) Trichloroethene	7.123	130	34701	48.998	ug/l	94
45) 1,2-Dichloropropane	7.434	63	35865	51.228	ug/l	97
46) Dibromomethane	7.580	93	26780	50.825	ug/l	90
47) Bromodichloromethane	7.824	83	53658	51.132	ug/l	98
48) Methyl methacrylate	7.690	41	45330	50.620	ug/l #	83
49) 1,4-Dioxane	7.659	88	16368	925.934	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	306190	258.492	ug/l	89
52) Toluene	8.720	92	81894	49.889	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	54398	51.723	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	56409	50.935	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	37560	51.588	ug/l	98
56) Ethyl methacrylate	9.116	69	60764	52.696	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	63402	51.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	152432	264.780	ug/l	95
59) 2-Hexanone	9.433	43	233314	255.808	ug/l	86
60) Dibromochloromethane	9.525	129	40110	53.132	ug/l	96
61) 1,2-Dibromoethane	9.610	107	38186	50.194	ug/l	97
64) Tetrachloroethene	9.275	164	32190	50.300	ug/l	93
65) Chlorobenzene	10.079	112	92810	49.933	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	35828	51.368	ug/l	98
67) Ethyl Benzene	10.195	91	170409	50.523	ug/l	97
68) m/p-Xylenes	10.305	106	126667	102.108	ug/l	91
69) o-Xylene	10.640	106	62347	51.456	ug/l	88
70) Styrene	10.659	104	107666	52.279	ug/l	93
71) Bromoform	10.799	173	27775	49.705	ug/l #	99
73) Isopropylbenzene	10.963	105	171578	47.735	ug/l	99
74) N-amyl acetate	10.842	43	78851	48.703	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	63219	51.796	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59192m	52.269	ug/l	
77) Bromobenzene	11.201	156	40129	48.970	ug/l	88
78) n-propylbenzene	11.305	91	207236	48.260	ug/l	98
79) 2-Chlorotoluene	11.366	91	125625	46.551	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	150907	48.385	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17284	46.174	ug/l #	77
82) 4-Chlorotoluene	11.457	91	149268	48.200	ug/l	96
83) tert-Butylbenzene	11.719	119	145865	48.365	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	150452	48.379	ug/l	96
85) sec-Butylbenzene	11.890	105	186690	50.160	ug/l	98
86) p-Isopropyltoluene	12.012	119	155660	50.280	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	79629	49.364	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	79751	47.992	ug/l	96
89) n-Butylbenzene	12.335	91	141572	50.857	ug/l	96
90) Hexachloroethane	12.542	117	25135	50.556	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	80770	50.691	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15010	51.085	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	49532	50.832	ug/l	97
94) Hexachlorobutadiene	13.725	225	23120	53.638	ug/l	94
95) Naphthalene	13.774	128	175958	51.718	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49848	52.219	ug/l	96

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

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