

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028157.D
 Acq On : 19 Apr 2022 13:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041922

Quant Time: Apr 20 08:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	341860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	525650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	308726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203790	45.719	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.440%		
35) Dibromofluoromethane	5.385	113	181242	48.187	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.380%		
50) Toluene-d8	8.653	98	702259	48.612	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.220%		
62) 4-Bromofluorobenzene	11.079	95	270649	48.999	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94132	42.656	ug/l	99
3) Chloromethane	1.288	50	104988	47.048	ug/l	98
4) Vinyl Chloride	1.374	62	152666	44.298	ug/l	98
5) Bromomethane	1.599	94	158924	52.101	ug/l	99
6) Chloroethane	1.679	64	116539	47.033	ug/l	95
7) Trichlorofluoromethane	1.886	101	328268	43.195	ug/l	97
8) Diethyl Ether	2.130	74	108097	47.166	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	122554	44.269	ug/l	96
10) Methyl Iodide	2.453	142	147031	40.004	ug/l	95
11) Tert butyl alcohol	2.965	59	195524	228.182	ug/l	100
12) 1,1-Dichloroethene	2.319	96	109457	41.662	ug/l	95
13) Acrolein	2.233	56	133356	244.114	ug/l	99
14) Allyl chloride	2.666	41	200690	45.523	ug/l	90
15) Acrylonitrile	3.062	53	405267	223.104	ug/l	99
16) Acetone	2.374	43	351065	257.905	ug/l	91
17) Carbon Disulfide	2.508	76	309740	43.779	ug/l	100
18) Methyl Acetate	2.703	43	174008	43.906	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	525920	48.004	ug/l	97
20) Methylene Chloride	2.788	84	147417	44.573	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	167704	46.936	ug/l	94
22) Diisopropyl ether	3.757	45	450205	44.837	ug/l #	84
23) Vinyl Acetate	3.721	43	2022593	230.568	ug/l	98
24) 1,1-Dichloroethane	3.611	63	273671	46.160	ug/l	99
25) 2-Butanone	4.550	43	590811	223.803	ug/l	98
26) 2,2-Dichloropropane	4.471	77	272995	47.160	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	199140	46.742	ug/l	93
28) Bromochloromethane	4.904	49	114927	45.182	ug/l	89
29) Tetrahydrofuran	5.001	42	364894	211.988	ug/l	99
30) Chloroform	5.093	83	324658	45.598	ug/l	98
31) Cyclohexane	5.471	56	255466	47.041	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	304164	47.176	ug/l	98
36) 1,1-Dichloropropene	5.696	75	234304	47.757	ug/l	98
37) Ethyl Acetate	4.715	43	223630	44.922	ug/l	99
38) Carbon Tetrachloride	5.678	117	274590	49.578	ug/l	99
39) Methylcyclohexane	7.379	83	305773	49.395	ug/l	97
40) Benzene	6.038	78	673611	46.904	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	117654	45.808	ug/l	98
42) 1,2-Dichloroethane	6.086	62	244341	45.834	ug/l	100
43) Isopropyl Acetate	6.336	43	363576	44.875	ug/l	98
44) Trichloroethene	7.123	130	200058	48.037	ug/l	99
45) 1,2-Dichloropropane	7.428	63	160612	45.689	ug/l	99
46) Dibromomethane	7.580	93	128320	46.534	ug/l	98
47) Bromodichloromethane	7.824	83	249681	47.110	ug/l	98
48) Methyl methacrylate	7.696	41	169674	45.614	ug/l	92
49) 1,4-Dioxane	7.659	88	93525	939.848	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1157907	222.709	ug/l	97
52) Toluene	8.720	92	476550	47.763	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	281000	49.887	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	290899	48.094	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	191710	47.290	ug/l	98
56) Ethyl methacrylate	9.116	69	277565	47.234	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	305728	46.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	675692	245.069	ug/l	94
59) 2-Hexanone	9.433	43	933777	231.857	ug/l	95
60) Dibromochloromethane	9.525	129	219035	49.562	ug/l	96
61) 1,2-Dibromoethane	9.610	107	212829	47.855	ug/l	98
64) Tetrachloroethene	9.275	164	195861	47.703	ug/l	97
65) Chlorobenzene	10.079	112	529206	47.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	204114	48.891	ug/l	98
67) Ethyl Benzene	10.195	91	916246	48.756	ug/l	95
68) m/p-Xylenes	10.305	106	761352	99.543	ug/l	95
69) o-Xylene	10.640	106	372204	48.809	ug/l	95
70) Styrene	10.659	104	628138	50.845	ug/l	98
71) Bromoform	10.799	173	169085	44.327	ug/l #	99
73) Isopropylbenzene	10.963	105	970982	45.758	ug/l	99
74) N-amyl acetate	10.842	43	331259	45.165	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	304345	44.198	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	279771m	46.046	ug/l	
77) Bromobenzene	11.201	156	246973	44.689	ug/l	91
78) n-propylbenzene	11.305	91	1118831	47.549	ug/l	96
79) 2-Chlorotoluene	11.366	91	670047	45.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	858064	47.637	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	95800	46.856	ug/l	96
82) 4-Chlorotoluene	11.457	91	786846	46.694	ug/l	95
83) tert-Butylbenzene	11.713	119	868582	47.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	857255	47.877	ug/l	97
85) sec-Butylbenzene	11.890	105	1072108	48.314	ug/l	97
86) p-Isopropyltoluene	12.012	119	936854	48.938	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	498842	48.039	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	513227	47.072	ug/l	99
89) n-Butylbenzene	12.335	91	779446	49.585	ug/l	98
90) Hexachloroethane	12.542	117	157211	45.798	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	485338	47.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67924	44.355	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	293848	47.894	ug/l	99
94) Hexachlorobutadiene	13.725	225	125242	45.746	ug/l	95
95) Naphthalene	13.774	128	987347	48.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	289553	48.080	ug/l	97

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

