

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029502.D
 Acq On : 15 Jun 2022 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 15 15:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/16/2022
 Supervised By :Semsettin Yesilyurt 06/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	177722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	288388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188336	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	127742	47.118	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	114398	46.661	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.320%
50) Toluene-d8	8.652	98	386382	44.560	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.120%
62) 4-Bromofluorobenzene	11.079	95	161142	47.489	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	135082	47.880	ug/l	99
3) Chloromethane	1.294	50	164860	54.752	ug/l	99
4) Vinyl Chloride	1.373	62	150744	48.239	ug/l	98
5) Bromomethane	1.611	94	67500	40.328	ug/l	99
6) Chloroethane	1.684	64	91041	71.401	ug/l	96
7) Trichlorofluoromethane	1.885	101	217137	47.681	ug/l	96
8) Diethyl Ether	2.135	74	86557	48.765	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	136350	49.676	ug/l	99
10) Methyl Iodide	2.452	142	125714	37.433	ug/l	97
11) Tert butyl alcohol	2.989	59	146747	190.639	ug/l	98
12) 1,1-Dichloroethene	2.318	96	129561	48.495	ug/l	96
13) Acrolein	2.239	56	70887	215.987	ug/l	98
14) Allyl chloride	2.666	41	209103	48.759	ug/l	97
15) Acrylonitrile	3.068	53	394030	233.033	ug/l	99
16) Acetone	2.385	43	422336	293.756	ug/l	98
17) Carbon Disulfide	2.513	76	304841	46.357	ug/l	99
18) Methyl Acetate	2.702	43	181697	47.702	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	470375	51.003	ug/l	99
20) Methylene Chloride	2.788	84	149664	46.614	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	144744	48.272	ug/l	97
22) Diisopropyl ether	3.763	45	438540	50.659	ug/l	97
23) Vinyl Acetate	3.720	43	1837410	256.026	ug/l	98
24) 1,1-Dichloroethane	3.611	63	257392	49.296	ug/l	99
25) 2-Butanone	4.562	43	570113	250.680	ug/l	99
26) 2,2-Dichloropropane	4.476	77	207694	55.795	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	170129	47.965	ug/l	96
28) Bromochloromethane	4.897	49	107324	52.288	ug/l	97
29) Tetrahydrofuran	5.007	42	351581	237.204	ug/l	94
30) Chloroform	5.092	83	274497	48.718	ug/l	99
31) Cyclohexane	5.470	56	236212	49.028	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	240500	49.544	ug/l	98
36) 1,1-Dichloropropene	5.696	75	203322	50.203	ug/l	100
37) Ethyl Acetate	4.714	43	206892	49.489	ug/l	99
38) Carbon Tetrachloride	5.677	117	197649	47.747	ug/l	98
39) Methylcyclohexane	7.378	83	267863	53.697	ug/l	96
40) Benzene	6.037	78	594965	49.346	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	116301	52.338	ug/l	93
42) 1,2-Dichloroethane	6.086	62	204854	48.913	ug/l	99
43) Isopropyl Acetate	6.342	43	320710	51.064	ug/l	98
44) Trichloroethene	7.128	130	169268	51.565	ug/l	97
45) 1,2-Dichloropropane	7.433	63	150134	50.649	ug/l	97
46) Dibromomethane	7.580	93	107169	49.907	ug/l	93
47) Bromodichloromethane	7.823	83	207716	51.250	ug/l	100
48) Methyl methacrylate	7.695	41	159446	50.476	ug/l	93
49) 1,4-Dioxane	7.677	88	70239	864.418	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1039125	252.805	ug/l	97
52) Toluene	8.720	92	394696	50.996	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	221079	50.162	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	243893	53.601	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	156733	50.062	ug/l	98
56) Ethyl methacrylate	9.116	69	246730	54.170	ug/l	94
57) 1,3-Dichloropropane	9.311	76	263251	49.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	543538	245.643	ug/l	97
59) 2-Hexanone	9.433	43	807146	258.274	ug/l	96
60) Dibromochloromethane	9.524	129	155068	51.197	ug/l	97
61) 1,2-Dibromoethane	9.610	107	166585	49.886	ug/l	99
64) Tetrachloroethene	9.274	164	150922	53.245	ug/l	95
65) Chlorobenzene	10.079	112	418924	50.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	148977	51.948	ug/l	98
67) Ethyl Benzene	10.195	91	763266	52.713	ug/l	99
68) m/p-Xylenes	10.305	106	597760	106.702	ug/l	99
69) o-Xylene	10.640	106	294704	54.136	ug/l	99
70) Styrene	10.658	104	493668	54.337	ug/l	98
71) Bromoform	10.798	173	105917	52.003	ug/l #	99
73) Isopropylbenzene	10.963	105	765326	51.618	ug/l	99
74) N-amyl acetate	10.841	43	262005	52.198	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	239230	47.808	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	219648m	49.931	ug/l	
77) Bromobenzene	11.201	156	173124	49.728	ug/l	95
78) n-propylbenzene	11.304	91	886919	52.715	ug/l	100
79) 2-Chlorotoluene	11.365	91	531248	51.274	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	652878	51.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64968	46.109	ug/l	90
82) 4-Chlorotoluene	11.457	91	608179	50.854	ug/l	100
83) tert-Butylbenzene	11.719	119	635600	52.031	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	650040	52.311	ug/l	99
85) sec-Butylbenzene	11.890	105	816670	54.443	ug/l	100
86) p-Isopropyltoluene	12.012	119	690002	54.869	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	339268	51.062	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	337126	49.890	ug/l	97
89) n-Butylbenzene	12.335	91	607507	57.299	ug/l	99
90) Hexachloroethane	12.542	117	94157	47.095	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	332620	50.489	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	51778	49.751	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	217242	55.868	ug/l	98
94) Hexachlorobutadiene	13.725	225	91815	56.796	ug/l	93
95) Naphthalene	13.774	128	759068	55.310	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213074	54.954	ug/l	95

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

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