

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032406.D
 Acq On : 26 Oct 2022 15:45
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102622

Quant Time: Oct 27 08:32:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83595	49.834	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.660%			
35) Dibromofluoromethane	5.391	113	66820	50.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.653	98	237173	51.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.085	95	96292	53.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	79544	57.127	ug/l	100
3) Chloromethane	1.294	50	64729	54.969	ug/l	96
4) Vinyl Chloride	1.374	62	70485	54.389	ug/l	97
5) Bromomethane	1.605	94	57519	55.539	ug/l	97
6) Chloroethane	1.685	64	44593	51.291	ug/l	96
7) Trichlorofluoromethane	1.886	101	129386	52.691	ug/l	99
8) Diethyl Ether	2.130	74	41308	51.911	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	68617	52.943	ug/l	99
10) Methyl Iodide	2.453	142	71917	49.893	ug/l	100
11) Tert butyl alcohol	2.965	59	63183	258.785	ug/l	100
12) 1,1-Dichloroethene	2.319	96	62638	51.736	ug/l	94
13) Acrolein	2.233	56	61865	253.817	ug/l	99
14) Allyl chloride	2.666	41	101929	52.814	ug/l	100
15) Acrylonitrile	3.062	53	169059	255.140	ug/l	99
16) Acetone	2.380	43	155439	254.953	ug/l	99
17) Carbon Disulfide	2.514	76	156505	54.271	ug/l	99
18) Methyl Acetate	2.703	43	102432	51.665	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	219170	51.505	ug/l	100
20) Methylene Chloride	2.788	84	69441	49.676	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	67389	51.135	ug/l	99
22) Diisopropyl ether	3.763	45	213614	51.171	ug/l	99
23) Vinyl Acetate	3.721	43	885401	262.521	ug/l	99
24) 1,1-Dichloroethane	3.611	63	122763	51.126	ug/l	100
25) 2-Butanone	4.556	43	242644	256.885	ug/l	98
26) 2,2-Dichloropropane	4.477	77	103943	54.456	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	78925	51.811	ug/l	98
28) Bromochloromethane	4.897	49	41025	47.966	ug/l	99
29) Tetrahydrofuran	5.001	42	154900	257.175	ug/l	99
30) Chloroform	5.099	83	135879	51.571	ug/l	99
31) Cyclohexane	5.470	56	107763	52.984	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	124155	52.511	ug/l	100
36) 1,1-Dichloropropene	5.696	75	98469	53.264	ug/l	99
37) Ethyl Acetate	4.714	43	96461	50.128	ug/l	99
38) Carbon Tetrachloride	5.678	117	110027	53.660	ug/l	98
39) Methylcyclohexane	7.385	83	121812	55.691	ug/l	99
40) Benzene	6.043	78	274928	52.553	ug/l	98

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41) Methacrylonitrile	4.916	41	54244	55.335	ug/l	96
42) 1,2-Dichloroethane	6.092	62	114944	53.750	ug/l	100
43) Isopropyl Acetate	6.342	43	159597	54.016	ug/l	99
44) Trichloroethene	7.129	130	77443	52.586	ug/l	99
45) 1,2-Dichloropropane	7.433	63	70288	52.340	ug/l	98
46) Dibromomethane	7.586	93	54143	52.571	ug/l	99
47) Bromodichloromethane	7.824	83	103430	52.988	ug/l	99
48) Methyl methacrylate	7.696	41	80381	52.676	ug/l	98
49) 1,4-Dioxane	7.665	88	30628	1053.212	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	495363	266.177	ug/l	100
52) Toluene	8.720	92	182787	53.553	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	112669	56.573	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118260	55.517	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	74153	51.587	ug/l	99
56) Ethyl methacrylate	9.116	69	114155	55.186	ug/l	100
57) 1,3-Dichloropropane	9.311	76	122100	52.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	270825	271.904	ug/l	99
59) 2-Hexanone	9.433	43	379720	274.979	ug/l	100
60) Dibromochloromethane	9.525	129	83583	53.236	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81377	53.430	ug/l	99
64) Tetrachloroethene	9.275	164	66646	53.392	ug/l	96
65) Chlorobenzene	10.079	112	201832	52.833	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76261	53.041	ug/l	99
67) Ethyl Benzene	10.195	91	365458	53.497	ug/l	99
68) m/p-Xylenes	10.305	106	288422	108.729	ug/l	99
69) o-Xylene	10.640	106	140277	54.389	ug/l	99
70) Styrene	10.659	104	235725	54.995	ug/l	100
71) Bromoform	10.799	173	61767	54.336	ug/l #	99
73) Isopropylbenzene	10.963	105	379820	50.232	ug/l	100
74) N-amyl acetate	10.841	43	150121	52.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	119713	49.324	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	108683m	51.196	ug/l	
77) Bromobenzene	11.201	156	91974	49.615	ug/l	99
78) n-propylbenzene	11.305	91	443719	50.934	ug/l	99
79) 2-Chlorotoluene	11.366	91	261643	50.150	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	334856	51.816	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34717	52.038	ug/l	98
82) 4-Chlorotoluene	11.457	91	312203	51.140	ug/l	100
83) tert-Butylbenzene	11.719	119	332184	51.487	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	332601	51.747	ug/l	100
85) sec-Butylbenzene	11.890	105	409877	52.797	ug/l	100
86) p-Isopropyltoluene	12.012	119	354903	53.876	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	178735	51.114	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	181231	49.958	ug/l	100
89) n-Butylbenzene	12.335	91	314224	54.830	ug/l	99
90) Hexachloroethane	12.542	117	57264	53.220	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	176823	51.284	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27708	52.068	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	116128	51.655	ug/l	97
94) Hexachlorobutadiene	13.725	225	47961	51.081	ug/l	98
95) Naphthalene	13.774	128	381971	50.990	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	112667	49.301	ug/l	99

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

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