

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032615.D
 Acq On : 07 Nov 2022 10:26
 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 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 02:59:28 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104530	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	161595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76702	52.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.620%			
35) Dibromofluoromethane	5.385	113	60501	52.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	206877	51.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.220%			
62) 4-Bromofluorobenzene	11.079	95	86374	55.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.340%			
Target Compounds					Qvalue	

2) Dichlorodifluoromethane	1.167	85	59731	49.545	ug/l	95
3) Chloromethane	1.295	50	47568	46.655	ug/l	98
4) Vinyl Chloride	1.374	62	52667	46.936	ug/l	100
5) Bromomethane	1.612	94	48223	53.777	ug/l	99
6) Chloroethane	1.685	64	39140	51.995	ug/l	99
7) Trichlorofluoromethane	1.886	101	109248	51.383	ug/l	100
8) Diethyl Ether	2.130	74	35989	52.234	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58206	51.869	ug/l	99
10) Methyl Iodide	2.453	142	56993	45.828	ug/l	99
11) Tert butyl alcohol	2.971	59	53717	254.104	ug/l	100
12) 1,1-Dichloroethene	2.319	96	50675	48.340	ug/l	93
13) Acrolein	2.233	56	70260	332.923	ug/l	99
14) Allyl chloride	2.660	41	87876	52.587	ug/l	99
15) Acrylonitrile	3.063	53	146980	256.188	ug/l	99
16) Acetone	2.380	43	147010	278.488	ug/l	97
17) Carbon Disulfide	2.508	76	114867	46.004	ug/l	99
18) Methyl Acetate	2.703	43	97354	56.712	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	203871	55.333	ug/l	100
20) Methylene Chloride	2.788	84	59521	49.177	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	56576	49.582	ug/l	96
22) Diisopropyl ether	3.757	45	195201	54.005	ug/l	93
23) Vinyl Acetate	3.721	43	792044	271.227	ug/l	99
24) 1,1-Dichloroethane	3.605	63	108827	52.345	ug/l	99
25) 2-Butanone	4.556	43	211308	258.372	ug/l	98
26) 2,2-Dichloropropane	4.471	77	96461	58.366	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69866	52.971	ug/l	98
28) Bromochloromethane	4.898	49	36138	48.799	ug/l	100
29) Tetrahydrofuran	5.001	42	132161	253.420	ug/l	100
30) Chloroform	5.093	83	122458	53.678	ug/l	98
31) Cyclohexane	5.471	56	88540	50.277	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	110930	54.187	ug/l	99
36) 1,1-Dichloropropene	5.690	75	83816	52.217	ug/l	98
37) Ethyl Acetate	4.709	43	84833	50.774	ug/l	99
38) Carbon Tetrachloride	5.678	117	98872	55.536	ug/l	98
39) Methylcyclohexane	7.379	83	96864	51.004	ug/l	96
40) Benzene	6.038	78	236909	52.156	ug/l	99

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41) Methacrylonitrile	4.916	41	47963	56.351	ug/l	97
42) 1,2-Dichloroethane	6.086	62	103824	55.916	ug/l	100
43) Isopropyl Acetate	6.336	43	144931	56.495	ug/l	99
44) Trichloroethene	7.123	130	66443	51.962	ug/l	97
45) 1,2-Dichloropropane	7.428	63	62997	54.028	ug/l	96
46) Dibromomethane	7.580	93	47959	53.632	ug/l	98
47) Bromodichloromethane	7.824	83	95630	56.425	ug/l	98
48) Methyl methacrylate	7.690	41	73103	55.175	ug/l	99
49) 1,4-Dioxane	7.684	88	25107	994.348	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	440136	272.383	ug/l	100
52) Toluene	8.720	92	157636	53.192	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104144	60.226	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	107267	57.997	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	68127	54.586	ug/l	99
56) Ethyl methacrylate	9.116	69	103417	57.580	ug/l	100
57) 1,3-Dichloropropane	9.305	76	109684	54.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	246775	285.348	ug/l	100
59) 2-Hexanone	9.427	43	325778	271.709	ug/l	100
60) Dibromochloromethane	9.519	129	79407	58.250	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73432	55.528	ug/l	100
64) Tetrachloroethene	9.275	164	57349	53.198	ug/l	97
65) Chlorobenzene	10.080	112	177010	53.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69165	55.701	ug/l	100
67) Ethyl Benzene	10.195	91	318835	54.041	ug/l	100
68) m/p-Xylenes	10.299	106	249799	109.036	ug/l	99
69) o-Xylene	10.640	106	121618	54.600	ug/l	100
70) Styrene	10.659	104	205128	55.412	ug/l	100
71) Bromoform	10.799	173	58708	59.799	ug/l #	99
73) Isopropylbenzene	10.964	105	331521	50.897	ug/l	100
74) N-amyl acetate	10.842	43	132623	53.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105667	50.540	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98845m	54.051	ug/l	
77) Bromobenzene	11.195	156	81524	51.052	ug/l	99
78) n-propylbenzene	11.305	91	381018	50.772	ug/l	100
79) 2-Chlorotoluene	11.366	91	230347	51.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289432	51.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32995	57.412	ug/l	97
82) 4-Chlorotoluene	11.451	91	272727	51.860	ug/l	100
83) tert-Butylbenzene	11.713	119	285364	51.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	285229	51.515	ug/l	100
85) sec-Butylbenzene	11.890	105	342225	51.173	ug/l	99
86) p-Isopropyltoluene	12.012	119	293543	51.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155765	51.710	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	157456	50.386	ug/l	99
89) n-Butylbenzene	12.335	91	254442	51.540	ug/l	100
90) Hexachloroethane	12.536	117	50704	54.703	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	155596	52.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23304	50.836	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	97395	50.291	ug/l	99
94) Hexachlorobutadiene	13.725	225	40573	50.163	ug/l	99
95) Naphthalene	13.774	128	325273	50.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100233	50.915	ug/l	98

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

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