

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033080.D
 Acq On : 28 Nov 2022 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 29 01:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/29/2022
 Supervised By :Mahesh
 Dadoda
 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	1

Internal Standards							
1) Pentafluorobenzene	5.549	168	140262	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	6.763	114	216171	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	200023	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	105962	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	70777	51.750	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.500%	
35) Dibromofluoromethane	5.385	113	60203	49.400	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%	
50) Toluene-d8	8.646	98	187902	51.300	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.600%	
62) 4-Bromofluorobenzene	11.079	95	84737	52.932	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.860%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	49623	46.308	ug/l	96	
3) Chloromethane	1.294	50	51487	44.507	ug/l	98	
4) Vinyl Chloride	1.373	62	61678	47.884	ug/l	95	
5) Bromomethane	1.617	94	40680	42.590	ug/l	97	
6) Chloroethane	1.690	64	49619	47.318	ug/l	100	
7) Trichlorofluoromethane	1.885	101	125249	50.101	ug/l	99	
8) Diethyl Ether	2.135	74	41183	52.325	ug/l	98	
9) 1,1,2-Trichlorotrifluo...	2.330	101	67748	51.559	ug/l	99	
10) Methyl Iodide	2.452	142	54666	36.342	ug/l	99	
11) Tert butyl alcohol	3.019	59	63324m	292.451	ug/l		
12) 1,1-Dichloroethene	2.318	96	62955	51.433	ug/l	94	
13) Acrolein	2.239	56	74684	300.279	ug/l	100	
14) Allyl chloride	2.666	41	102647	51.944	ug/l	99	
15) Acrylonitrile	3.068	53	164649	268.839	ug/l	100	
16) Acetone	2.391	43	190011	297.860	ug/l	98	
17) Carbon Disulfide	2.513	76	158254	46.797	ug/l	99	
18) Methyl Acetate	2.708	43	96839	54.840	ug/l	99	
19) Methyl tert-butyl Ether	3.111	73	234418	55.222	ug/l	100	
20) Methylene Chloride	2.788	84	70760	53.397	ug/l	94	
21) trans-1,2-Dichloroethene	3.093	96	70119	50.079	ug/l	98	
22) Diisopropyl ether	3.757	45	228475	53.098	ug/l	92	
23) Vinyl Acetate	3.720	43	923128	274.071	ug/l	99	
24) 1,1-Dichloroethane	3.611	63	127305	51.701	ug/l	99	
25) 2-Butanone	4.562	43	249877	284.068	ug/l	99	
26) 2,2-Dichloropropane	4.470	77	112459	56.801	ug/l	99	
27) cis-1,2-Dichloroethene	4.489	96	82821	52.062	ug/l	99	
28) Bromochloromethane	4.897	49	55911	51.676	ug/l	96	
29) Tetrahydrofuran	5.007	42	149474	267.794	ug/l	98	
30) Chloroform	5.092	83	144984	52.572	ug/l	100	
31) Cyclohexane	5.470	56	110346	49.857	ug/l	96	
32) 1,1,1-Trichloroethane	5.379	97	132514	53.655	ug/l	99	
36) 1,1-Dichloropropene	5.690	75	101599	52.138	ug/l	99	
37) Ethyl Acetate	4.708	43	96439	56.727	ug/l	99	
38) Carbon Tetrachloride	5.677	117	118039	54.605	ug/l	98	
39) Methylcyclohexane	7.378	83	119132	53.582	ug/l	99	
40) Benzene	6.037	78	286631	52.463	ug/l	99	

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41) Methacrylonitrile	4.915	41	53412	55.835	ug/l	98
42) 1,2-Dichloroethane	6.086	62	118168	53.717	ug/l	99
43) Isopropyl Acetate	6.336	43	160103	56.944	ug/l	98
44) Trichloroethene	7.122	130	80446	52.472	ug/l	96
45) 1,2-Dichloropropane	7.427	63	73059	54.109	ug/l	99
46) Dibromomethane	7.580	93	56344	53.481	ug/l	100
47) Bromodichloromethane	7.817	83	114517	56.253	ug/l	100
48) Methyl methacrylate	7.689	41	81323	56.192	ug/l	97
49) 1,4-Dioxane	7.708	88	31994	1200.954	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	497611	286.818	ug/l	99
52) Toluene	8.720	92	194108	54.002	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122065	55.628	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	127076	57.903	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	80139	54.761	ug/l	98
56) Ethyl methacrylate	9.116	69	118632	58.836	ug/l	97
57) 1,3-Dichloropropane	9.305	76	129404	54.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	270974	283.008	ug/l	98
59) 2-Hexanone	9.427	43	380661	297.014	ug/l	98
60) Dibromochloromethane	9.518	129	92909	58.968	ug/l	100
61) 1,2-Dibromoethane	9.610	107	87132	56.409	ug/l	99
64) Tetrachloroethene	9.274	164	70384	49.712	ug/l	98
65) Chlorobenzene	10.079	112	212504	53.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	82736	56.622	ug/l	99
67) Ethyl Benzene	10.195	91	385871	54.547	ug/l	100
68) m/p-Xylenes	10.299	106	301358	108.788	ug/l	100
69) o-Xylene	10.640	106	148238	55.306	ug/l	99
70) Styrene	10.652	104	248056	56.570	ug/l	99
71) Bromoform	10.798	173	68852	61.457	ug/l #	100
73) Isopropylbenzene	10.963	105	398641	52.647	ug/l	100
74) N-amyl acetate	10.841	43	146938	57.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	119994	52.506	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	111292m	55.459	ug/l	
77) Bromobenzene	11.195	156	96907	52.039	ug/l	99
78) n-propylbenzene	11.304	91	461921	53.356	ug/l	100
79) 2-Chlorotoluene	11.365	91	272753	51.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	340496	53.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37934	61.444	ug/l	94
82) 4-Chlorotoluene	11.457	91	319826	51.905	ug/l	99
83) tert-Butylbenzene	11.713	119	339390	53.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	336959	53.126	ug/l	100
85) sec-Butylbenzene	11.890	105	408883	53.977	ug/l	99
86) p-Isopropyltoluene	12.012	119	351072	54.701	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	181285	51.902	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	186296	52.080	ug/l	98
89) n-Butylbenzene	12.335	91	302575	54.725	ug/l	100
90) Hexachloroethane	12.542	117	59421	56.354	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	178746	52.608	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	27249	59.760	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	112193	53.567	ug/l	100
94) Hexachlorobutadiene	13.725	225	48101	52.056	ug/l	99
95) Naphthalene	13.774	128	371939	54.893	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113326	53.956	ug/l	99

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

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