

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037720.D
 Acq On : 14 Sep 2023 11:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 16:11:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/14/2023
 Supervised By :Mahesh
 Dadoda

09/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	222580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	362114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189175	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	153296	42.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.140%
35) Dibromofluoromethane	5.379	113	130512	50.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	8.647	98	482331	49.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	183612	52.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	113972	46.704	ug/l	99
3) Chloromethane	1.300	50	123602	44.460	ug/l	96
4) Vinyl Chloride	1.374	62	133860	42.803	ug/l	97
5) Bromomethane	1.599	94	115689	44.226	ug/l	98
6) Chloroethane	1.678	64	92636m	43.081	ug/l	
7) Trichlorofluoromethane	1.880	101	229354	44.327	ug/l	100
8) Diethyl Ether	2.130	74	86731	42.236	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	117395	50.614	ug/l	97
10) Methyl Iodide	2.447	142	145876	53.256	ug/l	92
11) Tert butyl alcohol	2.959	59	163617	218.103	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	107632	47.002	ug/l	85
13) Acrolein	2.233	56	145095	246.600	ug/l	98
14) Allyl chloride	2.660	41	185756	46.304	ug/l	95
15) Acrylonitrile	3.062	53	359267	217.537	ug/l	99
16) Acetone	2.380	43	358572	246.288	ug/l	90
17) Carbon Disulfide	2.508	76	253458	43.539	ug/l	99
18) Methyl Acetate	2.703	43	267231	43.464	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	421637	46.639	ug/l	99
20) Methylene Chloride	2.788	84	135771	48.184	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	122789	46.606	ug/l	90
22) Diisopropyl ether	3.757	45	403063	46.120	ug/l	89
23) Vinyl Acetate	3.721	43	1496530	234.764	ug/l	95
24) 1,1-Dichloroethane	3.605	63	231951	45.545	ug/l	99
25) 2-Butanone	4.550	43	510336	214.977	ug/l	92
26) 2,2-Dichloropropane	4.471	77	197230	55.673	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	152220	47.379	ug/l	91
28) Bromochloromethane	4.891	49	117664	45.731	ug/l	85
29) Tetrahydrofuran	4.995	42	317223	209.841	ug/l	90
30) Chloroform	5.092	83	254805	46.328	ug/l	98
31) Cyclohexane	5.470	56	193834	46.743	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	220232	48.110	ug/l	98
36) 1,1-Dichloropropene	5.690	75	176024	50.413	ug/l	97
37) Ethyl Acetate	4.708	43	194053	48.571	ug/l	98
38) Carbon Tetrachloride	5.678	117	188907	52.959	ug/l	97
39) Methylcyclohexane	7.379	83	226272	54.765	ug/l	94
40) Benzene	6.037	78	538782	50.899	ug/l	100

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41) Methacrylonitrile	4.916	41	99913	47.478	ug/l	#	88
42) 1,2-Dichloroethane	6.080	62	197818	47.814	ug/l		98
43) Isopropyl Acetate	6.336	43	319948	50.197	ug/l		96
44) Trichloroethene	7.123	130	142307	53.809	ug/l		99
45) 1,2-Dichloropropane	7.427	63	143608	51.408	ug/l		99
46) Dibromomethane	7.580	93	103565	50.960	ug/l		94
47) Bromodichloromethane	7.818	83	194665	53.060	ug/l		97
48) Methyl methacrylate	7.690	41	150794	48.942	ug/l	#	87
49) 1,4-Dioxane	7.659	88	78904	1033.638	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.574	43	1014406	242.373	ug/l		96
52) Toluene	8.720	92	353243	51.902	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	211912	56.972	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	230040	56.362	ug/l	#	89
55) 1,1,2-Trichloroethane	9.153	97	150361	52.466	ug/l		95
56) Ethyl methacrylate	9.116	69	232984	53.134	ug/l		91
57) 1,3-Dichloropropane	9.305	76	243576	50.670	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	583023	274.222	ug/l		100
59) 2-Hexanone	9.427	43	809344	250.523	ug/l		94
60) Dibromochloromethane	9.519	129	156393	55.557	ug/l		99
61) 1,2-Dibromoethane	9.610	107	161117	52.302	ug/l		99
64) Tetrachloroethene	9.269	164	120402	54.062	ug/l		98
65) Chlorobenzene	10.079	112	386259	52.720	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	144988	57.419	ug/l		99
67) Ethyl Benzene	10.195	91	692726	53.129	ug/l		99
68) m/p-Xylenes	10.299	106	546589	109.943	ug/l		97
69) o-Xylene	10.640	106	269388	54.348	ug/l		98
70) Styrene	10.652	104	449993	55.646	ug/l		96
71) Bromoform	10.799	173	119726	60.595	ug/l	#	99
73) Isopropylbenzene	10.963	105	710179	50.142	ug/l		99
74) N-amyl acetate	10.841	43	303707	49.174	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	251578	47.466	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	198774m	47.794	ug/l		
77) Bromobenzene	11.195	156	171872	51.207	ug/l		90
78) n-propylbenzene	11.305	91	843895	51.789	ug/l		100
79) 2-Chlorotoluene	11.366	91	496172	49.467	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	617749	51.897	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	74843	54.702	ug/l		89
82) 4-Chlorotoluene	11.451	91	579644	50.589	ug/l		97
83) tert-Butylbenzene	11.713	119	616712	51.573	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	616797	51.396	ug/l		97
85) sec-Butylbenzene	11.890	105	779849	52.825	ug/l		99
86) p-Isopropyltoluene	12.012	119	655425	54.179	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	338180	52.474	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	339319	51.230	ug/l		97
89) n-Butylbenzene	12.329	91	599318	54.700	ug/l		97
90) Hexachloroethane	12.536	117	113089	55.399	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	340793	52.853	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53037	48.733	ug/l		81
93) 1,2,4-Trichlorobenzene	13.585	180	216871	56.476	ug/l		97
94) Hexachlorobutadiene	13.725	225	99278	61.891	ug/l		99
95) Naphthalene	13.774	128	721674	51.882	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	217163	55.118	ug/l		98

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

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