

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037991.D
 Acq On : 30 Sep 2023 10:13
 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 :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

Quant Time: Oct 02 02:05:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	236518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	372902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149337	48.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.120%		
35) Dibromofluoromethane	5.379	113	132892	53.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.520%		
50) Toluene-d8	8.647	98	484929	52.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.620%		
62) 4-Bromofluorobenzene	11.079	95	193323	57.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	103695	41.595	ug/l	98
3) Chloromethane	1.294	50	120821	44.543	ug/l	100
4) Vinyl Chloride	1.374	62	142027	48.535	ug/l	98
5) Bromomethane	1.599	94	106162	50.676	ug/l	98
6) Chloroethane	1.684	64	96059	47.650	ug/l	98
7) Trichlorofluoromethane	1.886	101	249948	53.129	ug/l	100
8) Diethyl Ether	2.130	74	94170	51.666	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	127722	53.495	ug/l	95
10) Methyl Iodide	2.453	142	160894	50.922	ug/l	92
11) Tert butyl alcohol	2.959	59	148054	221.965	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	122007	52.876	ug/l	84
13) Acrolein	2.233	56	137097	208.054	ug/l	100
14) Allyl chloride	2.660	41	189835	49.397	ug/l	# 95
15) Acrylonitrile	3.062	53	362459	244.407	ug/l	99
16) Acetone	2.373	43	396438	265.195	ug/l	90
17) Carbon Disulfide	2.514	76	303553	52.470	ug/l	98
18) Methyl Acetate	2.703	43	258576	47.949	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	435228	51.275	ug/l	99
20) Methylene Chloride	2.788	84	145815	52.761	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	141324	55.157	ug/l	87
22) Diisopropyl ether	3.757	45	407431	50.897	ug/l	# 89
23) Vinyl Acetate	3.721	43	1531920	260.170	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	247159	51.524	ug/l	98
25) 2-Butanone	4.550	43	514821	244.045	ug/l	# 89
26) 2,2-Dichloropropane	4.477	77	208439	53.776	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	169320	53.904	ug/l	88
28) Bromochloromethane	4.897	49	100147	44.751	ug/l	# 80
29) Tetrahydrofuran	4.995	42	305949	233.163	ug/l	88
30) Chloroform	5.092	83	273032	52.836	ug/l	99
31) Cyclohexane	5.470	56	214199	53.705	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	237529	54.287	ug/l	97
36) 1,1-Dichloropropene	5.690	75	197232	57.383	ug/l	96
37) Ethyl Acetate	4.708	43	190008	50.285	ug/l	96
38) Carbon Tetrachloride	5.672	117	208815	58.064	ug/l	97
39) Methylcyclohexane	7.379	83	260319	59.674	ug/l	94
40) Benzene	6.037	78	585730	55.416	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	99806	51.802	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	206247	53.988	ug/l	96
43) Isopropyl Acetate	6.336	43	313934	51.958	ug/l #	95
44) Trichloroethene	7.123	130	161601	54.901	ug/l	96
45) 1,2-Dichloropropane	7.427	63	150399	54.792	ug/l	97
46) Dibromomethane	7.580	93	112358	56.904	ug/l	93
47) Bromodichloromethane	7.818	83	210664	57.931	ug/l	96
48) Methyl methacrylate	7.689	41	152705	52.869	ug/l #	87
49) 1,4-Dioxane	7.659	88	68662	906.758	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	984850	256.910	ug/l	95
52) Toluene	8.720	92	389327	57.154	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	231364	60.848	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	247345	58.777	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	160896	56.022	ug/l	95
56) Ethyl methacrylate	9.116	69	237560	55.407	ug/l	90
57) 1,3-Dichloropropane	9.305	76	255850	55.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	483375	241.438	ug/l	98
59) 2-Hexanone	9.427	43	780926	261.640	ug/l	92
60) Dibromochloromethane	9.518	129	174857	61.116	ug/l	99
61) 1,2-Dibromoethane	9.610	107	175814	57.819	ug/l	99
64) Tetrachloroethene	9.275	164	140158	56.922	ug/l	97
65) Chlorobenzene	10.079	112	431525	55.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	159707	57.868	ug/l	98
67) Ethyl Benzene	10.195	91	777909	57.614	ug/l	98
68) m/p-Xylenes	10.299	106	615158	117.906	ug/l	96
69) o-Xylene	10.640	106	299531	57.251	ug/l	95
70) Styrene	10.652	104	502920	59.877	ug/l	96
71) Bromoform	10.799	173	131260	60.206	ug/l #	100
73) Isopropylbenzene	10.963	105	796466	50.466	ug/l	98
74) N-amyl acetate	10.841	43	303867	47.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	262636	47.318	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	234491m	47.130	ug/l	
77) Bromobenzene	11.195	156	200969	51.448	ug/l	86
78) n-propylbenzene	11.305	91	959245	53.819	ug/l	99
79) 2-Chlorotoluene	11.366	91	550485	50.091	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	693308	52.019	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76292	49.119	ug/l	87
82) 4-Chlorotoluene	11.451	91	661868	53.496	ug/l	95
83) tert-Butylbenzene	11.713	119	689615	51.195	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	697191	52.576	ug/l	97
85) sec-Butylbenzene	11.890	105	895548	54.800	ug/l	99
86) p-Isopropyltoluene	12.006	119	761995	55.966	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	399168	54.819	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	404066	54.228	ug/l	98
89) n-Butylbenzene	12.329	91	724972	60.781	ug/l	97
90) Hexachloroethane	12.536	117	125503	54.403	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	392684	52.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53871	48.690	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	274873	62.767	ug/l	97
94) Hexachlorobutadiene	13.725	225	125967	61.596	ug/l	99
95) Naphthalene	13.774	128	807941	54.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	262030	58.143	ug/l	98

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

