

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038494.D
 Acq On : 26 Oct 2023 02:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 26 06:13:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188005	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	295924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123919	40.979	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.960%		
35) Dibromofluoromethane	5.385	113	114183	53.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.100%		
50) Toluene-d8	8.647	98	385652	47.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.079	95	157646	51.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89228	49.169	ug/l	99
3) Chloromethane	1.294	50	85231	46.081	ug/l	97
4) Vinyl Chloride	1.374	62	96200	46.910	ug/l	99
5) Bromomethane	1.599	94	141347	52.523	ug/l	99
6) Chloroethane	1.678	64	64808	43.648	ug/l	99
7) Trichlorofluoromethane	1.886	101	175753	43.389	ug/l	98
8) Diethyl Ether	2.130	74	65214	43.168	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	95133	53.798	ug/l	94
10) Methyl Iodide	2.453	142	132907	52.237	ug/l	91
11) Tert butyl alcohol	2.959	59	180514	271.372	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	91395	53.134	ug/l	81
13) Acrolein	2.233	56	109958	255.784	ug/l	100
14) Allyl chloride	2.660	41	138060	44.873	ug/l	# 95
15) Acrylonitrile	3.062	53	339416	246.645	ug/l	99
16) Acetone	2.373	43	276574	219.149	ug/l	91
17) Carbon Disulfide	2.508	76	212163	42.795	ug/l	100
18) Methyl Acetate	2.703	43	289046	53.408	ug/l	# 90
19) Methyl tert-butyl Ether	3.111	73	339541	49.564	ug/l	97
20) Methylene Chloride	2.788	84	112697	47.474	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	102963	48.345	ug/l	83
22) Diisopropyl ether	3.757	45	296823	46.032	ug/l	# 91
23) Vinyl Acetate	3.721	43	1054184	222.930	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	182150	46.547	ug/l	99
25) 2-Butanone	4.550	43	459368	225.593	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	117124	38.335	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	124974	49.271	ug/l	84
28) Bromochloromethane	4.897	49	76790	43.469	ug/l	# 72
29) Tetrahydrofuran	5.001	42	296662	223.771	ug/l	# 85
30) Chloroform	5.092	83	208344	48.687	ug/l	100
31) Cyclohexane	5.470	56	138554	42.291	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	179276	48.912	ug/l	97
36) 1,1-Dichloropropene	5.690	75	138453	47.086	ug/l	95
37) Ethyl Acetate	4.708	43	166742	47.747	ug/l	96
38) Carbon Tetrachloride	5.678	117	154148	53.290	ug/l	97
39) Methylcyclohexane	7.379	83	160334	46.552	ug/l	90
40) Benzene	6.037	78	422554	51.379	ug/l	99

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41) Methacrylonitrile	4.922	41	86116	49.571	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	157178	47.834	ug/l	96
43) Isopropyl Acetate	6.336	43	256514	49.204	ug/l #	94
44) Trichloroethene	7.123	130	121164	56.328	ug/l	96
45) 1,2-Dichloropropane	7.427	63	109264	51.332	ug/l	99
46) Dibromomethane	7.580	93	87192	52.814	ug/l	91
47) Bromodichloromethane	7.824	83	162797	55.432	ug/l	99
48) Methyl methacrylate	7.690	41	124827	50.157	ug/l #	83
49) 1,4-Dioxane	7.659	88	53202	867.510	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	905271	251.753	ug/l	95
52) Toluene	8.720	92	277257	51.753	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	163409	51.835	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	172848	52.187	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	124629	54.388	ug/l	97
56) Ethyl methacrylate	9.116	69	184452	52.500	ug/l	90
57) 1,3-Dichloropropane	9.305	76	193469	52.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	392273	227.463	ug/l	94
59) 2-Hexanone	9.427	43	731072	252.895	ug/l	93
60) Dibromochloromethane	9.518	129	136644	60.929	ug/l	100
61) 1,2-Dibromoethane	9.610	107	134992	54.476	ug/l	99
64) Tetrachloroethene	9.275	164	109523	59.130	ug/l	96
65) Chlorobenzene	10.079	112	319034	53.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	122859	60.684	ug/l	99
67) Ethyl Benzene	10.195	91	554596	51.894	ug/l	98
68) m/p-Xylenes	10.299	106	434672	105.189	ug/l	96
69) o-Xylene	10.640	106	213026	52.819	ug/l	97
70) Styrene	10.652	104	366056	55.733	ug/l	95
71) Bromoform	10.799	173	110847	58.503	ug/l #	99
73) Isopropylbenzene	10.963	105	565214	49.159	ug/l	97
74) N-amyl acetate	10.841	43	233824	47.623	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	216274	51.263	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	193181m	49.565	ug/l	
77) Bromobenzene	11.195	156	150548	53.632	ug/l	85
78) n-propylbenzene	11.305	91	668305	47.537	ug/l	98
79) 2-Chlorotoluene	11.366	91	394930	47.368	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	494277	49.829	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56154	42.709	ug/l	88
82) 4-Chlorotoluene	11.451	91	465561	47.189	ug/l	94
83) tert-Butylbenzene	11.713	119	494311	50.999	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	493841	49.933	ug/l	97
85) sec-Butylbenzene	11.890	105	621018	49.462	ug/l	99
86) p-Isopropyltoluene	12.006	119	527806	50.952	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	293153	51.995	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	299343	52.005	ug/l	97
89) n-Butylbenzene	12.335	91	472658	45.815	ug/l	96
90) Hexachloroethane	12.536	117	90502	52.693	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	292265	53.929	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52221	51.194	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	196776	54.135	ug/l	96
94) Hexachlorobutadiene	13.725	225	77002	52.633	ug/l	98
95) Naphthalene	13.774	128	645243	50.973	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190623	54.161	ug/l	98

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

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