

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036474.D
 Acq On : 10 Jul 2023 11:15
 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 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 01:24:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	169600	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	298107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126137	51.885	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.760%			
35) Dibromofluoromethane	5.379	113	102510	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	8.646	98	361288	49.211	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	135067	52.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81708	50.888	ug/l	99
3) Chloromethane	1.294	50	108820	39.068	ug/l	100
4) Vinyl Chloride	1.373	62	151044	49.601	ug/l	99
5) Bromomethane	1.611	94	135250	60.699	ug/l	96
6) Chloroethane	1.684	64	88020	39.373	ug/l	98
7) Trichlorofluoromethane	1.885	101	212914	45.990	ug/l	100
8) Diethyl Ether	2.129	74	84973	47.546	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	100763	51.859	ug/l	96
10) Methyl Iodide	2.452	142	118557	50.357	ug/l	92
11) Tert butyl alcohol	2.965	59	124124	280.488	ug/l	# 94
12) 1,1-Dichloroethene	2.318	96	96191	49.906	ug/l	91
13) Acrolein	2.233	56	109996	180.988	ug/l	100
14) Allyl chloride	2.666	41	169049	53.968	ug/l	# 96
15) Acrylonitrile	3.062	53	301890	269.140	ug/l	99
16) Acetone	2.379	43	289585	278.683	ug/l	94
17) Carbon Disulfide	2.513	76	229911	48.568	ug/l	99
18) Methyl Acetate	2.702	43	235587	55.132	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	353247	56.710	ug/l	98
20) Methylene Chloride	2.788	84	113290	50.636	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	103134	50.143	ug/l	94
22) Diisopropyl ether	3.757	45	355115	56.578	ug/l	87
23) Vinyl Acetate	3.721	43	1334250	292.924	ug/l	98
24) 1,1-Dichloroethane	3.611	63	199446	53.918	ug/l	100
25) 2-Butanone	4.550	43	428298	286.869	ug/l	95
26) 2,2-Dichloropropane	4.476	77	167443	63.825	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	125660	54.477	ug/l	93
28) Bromochloromethane	4.897	49	91462	47.676	ug/l	90
29) Tetrahydrofuran	5.001	42	265903	279.738	ug/l	94
30) Chloroform	5.086	83	204796	54.968	ug/l	98
31) Cyclohexane	5.464	56	157120	50.433	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	172456	55.415	ug/l	99
36) 1,1-Dichloropropene	5.690	75	143738	49.057	ug/l	98
37) Ethyl Acetate	4.708	43	167041	55.935	ug/l	98
38) Carbon Tetrachloride	5.677	117	150830	56.362	ug/l	95
39) Methylcyclohexane	7.378	83	174047	49.594	ug/l	97
40) Benzene	6.037	78	434755	53.116	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	92143	55.620	ug/l	93
42) 1,2-Dichloroethane	6.086	62	168350	54.076	ug/l	98
43) Isopropyl Acetate	6.336	43	278054	58.366	ug/l	97
44) Trichloroethene	7.122	130	117105	51.438	ug/l	95
45) 1,2-Dichloropropane	7.427	63	119444	53.582	ug/l	95
46) Dibromomethane	7.580	93	85226	54.313	ug/l	95
47) Bromodichloromethane	7.817	83	162307	57.198	ug/l	97
48) Methyl methacrylate	7.689	41	134026	56.424	ug/l	91
49) 1,4-Dioxane	7.677	88	52770	1002.123	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	845327	275.415	ug/l	97
52) Toluene	8.720	92	271416	52.325	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	181282	63.243	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	194560	60.043	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	119034	55.217	ug/l	94
56) Ethyl methacrylate	9.116	69	187440	58.130	ug/l	95
57) 1,3-Dichloropropane	9.305	76	201334	54.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	481587	265.759	ug/l	99
59) 2-Hexanone	9.427	43	644268	287.446	ug/l	98
60) Dibromochloromethane	9.518	129	124428	59.406	ug/l	100
61) 1,2-Dibromoethane	9.610	107	126811	55.429	ug/l	100
64) Tetrachloroethene	9.274	164	102483	54.189	ug/l	98
65) Chlorobenzene	10.079	112	304097	54.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	113099	59.427	ug/l	97
67) Ethyl Benzene	10.195	91	526898	52.638	ug/l	98
68) m/p-Xylenes	10.299	106	410652	105.592	ug/l	97
69) o-Xylene	10.640	106	203824	54.272	ug/l	97
70) Styrene	10.652	104	333472	54.231	ug/l	97
71) Bromoform	10.799	173	87581	64.159	ug/l #	99
73) Isopropylbenzene	10.963	105	510516	51.796	ug/l	97
74) N-amyl acetate	10.841	43	238918	61.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	181300	54.318	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	152769m	54.760	ug/l	
77) Bromobenzene	11.195	156	129353	53.373	ug/l	92
78) n-propylbenzene	11.305	91	601213	52.230	ug/l	99
79) 2-Chlorotoluene	11.365	91	361326	52.767	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	438397	52.521	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57100	66.719	ug/l	90
82) 4-Chlorotoluene	11.451	91	419179	52.581	ug/l	97
83) tert-Butylbenzene	11.713	119	416832	52.107	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	438778	53.133	ug/l	96
85) sec-Butylbenzene	11.890	105	531783	52.474	ug/l	99
86) p-Isopropyltoluene	12.006	119	446582	52.508	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	235094	52.760	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	237513	52.347	ug/l	98
89) n-Butylbenzene	12.329	91	405980	53.636	ug/l	98
90) Hexachloroethane	12.536	117	74547	57.871	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	231038	52.657	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	38968	61.466	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	152653	56.486	ug/l	97
94) Hexachlorobutadiene	13.725	225	56519	51.064	ug/l	99
95) Naphthalene	13.774	128	525673	58.878	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	150913	57.247	ug/l	98

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

