

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033613.D
 Acq On : 04 Jan 2023 12:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:15:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99285	46.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.385	113	83694	48.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	8.647	98	305014	49.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	114607	52.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	81462	54.094	ug/l	100
3) Chloromethane	1.295	50	92171	48.113	ug/l	100
4) Vinyl Chloride	1.374	62	90271	53.125	ug/l	100
5) Bromomethane	1.618	94	41484	43.659	ug/l	100
6) Chloroethane	1.691	64	48552	49.587	ug/l	100
7) Trichlorofluoromethane	1.886	101	112079	46.624	ug/l	100
8) Diethyl Ether	2.130	74	35555	47.028	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62173	48.907	ug/l	100
10) Methyl Iodide	2.453	142	120537	54.958	ug/l	100
11) Tert butyl alcohol	3.014	59	85636	245.138	ug/l	100
12) 1,1-Dichloroethene	2.319	96	55853	47.165	ug/l	100
13) Acrolein	2.240	56	49096	212.820	ug/l	100
14) Allyl chloride	2.666	41	146671	49.810	ug/l	100
15) Acrylonitrile	3.069	53	230581	243.550	ug/l	100
16) Acetone	2.398	43	206851	251.765	ug/l	100
17) Carbon Disulfide	2.514	76	201000	51.667	ug/l	100
18) Methyl Acetate	2.703	43	143160	48.475	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	273428	49.339	ug/l	100
20) Methylene Chloride	2.788	84	88887	41.737	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	84676	48.621	ug/l	100
22) Diisopropyl ether	3.758	45	295902	49.874	ug/l	100
23) Vinyl Acetate	3.721	43	1162132	255.084	ug/l	100
24) 1,1-Dichloroethane	3.611	63	156502	48.754	ug/l	100
25) 2-Butanone	4.562	43	334450	240.551	ug/l	100
26) 2,2-Dichloropropane	4.477	77	109404	49.298	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	98741	48.884	ug/l	100
28) Bromochloromethane	4.898	49	62228	47.722	ug/l	100
29) Tetrahydrofuran	5.013	42	218833	248.006	ug/l	100
30) Chloroform	5.093	83	161442	49.230	ug/l	100
31) Cyclohexane	5.471	56	146304	49.326	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	140702	49.621	ug/l	100
36) 1,1-Dichloropropene	5.690	75	117200	50.340	ug/l	100
37) Ethyl Acetate	4.715	43	134044	46.707	ug/l	100
38) Carbon Tetrachloride	5.678	117	123672	50.195	ug/l	100
39) Methylcyclohexane	7.379	83	151880	52.247	ug/l	100
40) Benzene	6.038	78	348802	51.259	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75639	53.472	ug/l	100
42) 1,2-Dichloroethane	6.086	62	130169	51.318	ug/l	100
43) Isopropyl Acetate	6.342	43	209036	52.514	ug/l	100
44) Trichloroethene	7.123	130	98606	50.781	ug/l	100
45) 1,2-Dichloropropane	7.428	63	90489	51.622	ug/l	100
46) Dibromomethane	7.580	93	63926	52.090	ug/l	100
47) Bromodichloromethane	7.818	83	124159	52.221	ug/l	100
48) Methyl methacrylate	7.690	41	107071	53.139	ug/l	100
49) 1,4-Dioxane	7.720	88	44311	1033.915	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	667110	264.788	ug/l	100
52) Toluene	8.720	92	231058	51.647	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	132027	55.630	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	144066	54.742	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	92369	52.712	ug/l	100
56) Ethyl methacrylate	9.116	69	143325	54.787	ug/l	100
57) 1,3-Dichloropropane	9.305	76	155398	51.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	353740	265.825	ug/l	100
59) 2-Hexanone	9.433	43	493793	265.318	ug/l	100
60) Dibromochloromethane	9.519	129	103185	53.834	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99024	53.426	ug/l	100
64) Tetrachloroethene	9.275	164	88450	49.062	ug/l	100
65) Chlorobenzene	10.080	112	243702	48.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	95804	51.125	ug/l	100
67) Ethyl Benzene	10.195	91	447637	51.156	ug/l	100
68) m/p-Xylenes	10.299	106	349081	102.221	ug/l	100
69) o-Xylene	10.640	106	172741	51.019	ug/l	100
70) Styrene	10.653	104	287888	51.757	ug/l	100
71) Bromoform	10.799	173	81014	53.999	ug/l #	100
73) Isopropylbenzene	10.964	105	455872	48.883	ug/l	100
74) N-amyl acetate	10.842	43	183423	48.540	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	137552	47.323	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	111283m	45.999	ug/l	
77) Bromobenzene	11.195	156	117907	47.762	ug/l	100
78) n-propylbenzene	11.305	91	517586	48.956	ug/l	100
79) 2-Chlorotoluene	11.366	91	304193	47.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	374215	48.740	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39100	49.055	ug/l	100
82) 4-Chlorotoluene	11.451	91	350462	47.736	ug/l	100
83) tert-Butylbenzene	11.713	119	383012	47.814	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	369402	47.948	ug/l	100
85) sec-Butylbenzene	11.890	105	471593	49.830	ug/l	100
86) p-Isopropyltoluene	12.006	119	408717	50.538	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	214506	48.278	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	215605	49.605	ug/l	100
89) n-Butylbenzene	12.329	91	341474	50.492	ug/l	100
90) Hexachloroethane	12.536	117	65405	50.129	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	206354	48.606	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29635	54.831	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	147127	57.590	ug/l	100
94) Hexachlorobutadiene	13.725	225	69781	53.800	ug/l	100
95) Naphthalene	13.774	128	436251	55.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146091	56.361	ug/l	100

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

