

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035601.D
 Acq On : 11 May 2023 11:24
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 11 13:27:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	228945	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	411547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	20698	5.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.360%#		
35) Dibromofluoromethane	5.385	113	13754	4.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.920%#		
50) Toluene-d8	8.647	98	51577	5.030	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.060%#		
62) 4-Bromofluorobenzene	11.079	95	19413	4.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.400%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	14123	4.733	ug/l	97
3) Chloromethane	1.294	50	19530	5.394	ug/l	97
4) Vinyl Chloride	1.374	62	15100	4.914	ug/l	95
5) Bromomethane	1.617	94	8209	4.932	ug/l	87
6) Chloroethane	1.691	64	9545	5.120	ug/l	99
7) Trichlorofluoromethane	1.886	101	23238	5.143	ug/l	98
8) Diethyl Ether	2.130	74	8676	4.987	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	13317	4.964	ug/l	98
10) Methyl Iodide	2.453	142	9611	4.006	ug/l	90
11) Tert butyl alcohol	2.995	59	18545m	26.386	ug/l	
12) 1,1-Dichloroethene	2.319	96	12928	5.071	ug/l	83
13) Acrolein	2.239	56	22006	26.595	ug/l	97
14) Allyl chloride	2.666	41	26825	4.911	ug/l	93
15) Acrylonitrile	3.068	53	40294	25.968	ug/l	98
16) Acetone	2.392	43	44764	26.077	ug/l	95
17) Carbon Disulfide	2.514	76	27348	4.444	ug/l	98
18) Methyl Acetate	2.703	43	30653	4.842	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	53007	5.225	ug/l	96
20) Methylene Chloride	2.788	84	16219	5.213	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	14271	5.108	ug/l	99
22) Diisopropyl ether	3.757	45	55353	5.176	ug/l	98
23) Vinyl Acetate	3.721	43	194424	25.693	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29647	5.183	ug/l	98
25) 2-Butanone	4.562	43	60091	25.287	ug/l	94
26) 2,2-Dichloropropane	4.471	77	22805	4.708	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	17367	5.171	ug/l	95
28) Bromochloromethane	4.903	49	12744	4.954	ug/l	# 15
29) Tetrahydrofuran	5.013	42	38538	25.800	ug/l	99
30) Chloroform	5.092	83	30103	5.136	ug/l	97
31) Cyclohexane	5.470	56	25537	5.061	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	25398	4.980	ug/l	98
36) 1,1-Dichloropropene	5.684	75	21848	4.987	ug/l	97
37) Ethyl Acetate	4.714	43	22893	5.010	ug/l	97
38) Carbon Tetrachloride	5.678	117	18974	4.572	ug/l	93
39) Methylcyclohexane	7.379	83	24986	4.845	ug/l	93
40) Benzene	6.044	78	62304	5.084	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	13115	4.834	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26798	5.083	ug/l	98
43) Isopropyl Acetate	6.336	43	39748	4.988	ug/l	99
44) Trichloroethene	7.129	130	14707	4.733	ug/l	87
45) 1,2-Dichloropropane	7.427	63	15844	4.881	ug/l	92
46) Dibromomethane	7.580	93	11435	5.147	ug/l	95
47) Bromodichloromethane	7.818	83	19912	4.637	ug/l	99
48) Methyl methacrylate	7.690	41	19723	5.016	ug/l	96
49) 1,4-Dioxane	7.714	88	8378	98.609	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	119171	25.960	ug/l	98
52) Toluene	8.720	92	39392	5.092	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	20884	4.476	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	23395	4.680	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	15921	5.240	ug/l	97
56) Ethyl methacrylate	9.116	69	23497	4.775	ug/l	95
57) 1,3-Dichloropropane	9.305	76	28626	5.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	58095	23.208	ug/l	98
59) 2-Hexanone	9.433	43	89753	25.962	ug/l	99
60) Dibromochloromethane	9.518	129	13075	4.514	ug/l	98
61) 1,2-Dibromoethane	9.610	107	15996	4.997	ug/l	98
64) Tetrachloroethene	9.275	164	12133	5.053	ug/l	97
65) Chlorobenzene	10.079	112	39323	5.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13646	4.957	ug/l	99
67) Ethyl Benzene	10.189	91	74780	5.108	ug/l	93
68) m/p-Xylenes	10.299	106	55638	10.281	ug/l	93
69) o-Xylene	10.640	106	27680	5.154	ug/l	94
70) Styrene	10.652	104	43927	5.075	ug/l	98
71) Bromoform	10.799	173	8089	4.466	ug/l #	95
73) Isopropylbenzene	10.963	105	70713	5.152	ug/l	97
74) N-amyl acetate	10.841	43	32957	5.150	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23975	5.385	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	20571m	5.272	ug/l	
77) Bromobenzene	11.195	156	15929	5.113	ug/l	90
78) n-propylbenzene	11.305	91	81795	5.070	ug/l	98
79) 2-Chlorotoluene	11.366	91	52641	5.211	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	59122	5.068	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	4938	3.994	ug/l #	76
82) 4-Chlorotoluene	11.451	91	60071	5.164	ug/l	98
83) tert-Butylbenzene	11.713	119	57114	5.037	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	59734	5.100	ug/l	97
85) sec-Butylbenzene	11.890	105	72696	5.106	ug/l	98
86) p-Isopropyltoluene	12.006	119	57915	4.948	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	29638	5.008	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	30396	5.086	ug/l	92
89) n-Butylbenzene	12.329	91	51188	4.808	ug/l	98
90) Hexachloroethane	12.536	117	7765	4.377	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	29962	5.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4752	4.793	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	16644	4.770	ug/l	96
94) Hexachlorobutadiene	13.725	225	6682	4.825	ug/l	97
95) Naphthalene	13.774	128	60855	5.093	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16788	4.892	ug/l	95

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VSTDICC005

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

