

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038830.D
 Acq On : 16 Nov 2023 10:11
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 16 22:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 15:22:11 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	355264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17046	5.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.340%#		
35) Dibromofluoromethane	5.379	113	14525	5.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.320%#		
50) Toluene-d8	8.647	98	56050	5.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.420%#		
62) 4-Bromofluorobenzene	11.079	95	22110	5.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9665	4.438	ug/l	99
3) Chloromethane	1.294	50	13696	4.819	ug/l	94
4) Vinyl Chloride	1.374	62	13854	5.060	ug/l	98
5) Bromomethane	1.599	94	6318	5.581	ug/l	95
6) Chloroethane	1.685	64	7815	5.002	ug/l	93
7) Trichlorofluoromethane	1.886	101	17668	5.085	ug/l	96
8) Diethyl Ether	2.130	74	7897	5.219	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	11502	4.992	ug/l	98
10) Methyl Iodide	2.453	142	14019	4.999	ug/l	90
11) Tert butyl alcohol	2.959	59	21984	26.284	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	12152	5.224	ug/l	87
13) Acrolein	2.233	56	13880	31.367	ug/l	98
14) Allyl chloride	2.660	41	23808	5.112	ug/l	93
15) Acrylonitrile	3.062	53	44773	25.334	ug/l	97
16) Acetone	2.373	43	39551	24.706	ug/l #	89
17) Carbon Disulfide	2.508	76	36646	5.086	ug/l	96
18) Methyl Acetate	2.703	43	36964	4.861	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	41053	5.018	ug/l	96
20) Methylene Chloride	2.788	84	14683	5.088	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	12595	4.907	ug/l #	89
22) Diisopropyl ether	3.757	45	42777	5.007	ug/l #	88
23) Vinyl Acetate	3.721	43	153154	24.890	ug/l	98
24) 1,1-Dichloroethane	3.611	63	24332	5.093	ug/l	99
25) 2-Butanone	4.556	43	66182	25.494	ug/l	93
26) 2,2-Dichloropropane	4.471	77	20442	4.933	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	14603	4.881	ug/l	99
28) Bromochloromethane	4.897	49	11828	5.156	ug/l	100
29) Tetrahydrofuran	5.007	42	41681	25.287	ug/l	96
30) Chloroform	5.092	83	23638	5.067	ug/l	96
31) Cyclohexane	5.470	56	22475	5.235	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	20606	5.099	ug/l	97
36) 1,1-Dichloropropene	5.690	75	18084	4.918	ug/l	91
37) Ethyl Acetate	4.708	43	22499	4.696	ug/l #	93
38) Carbon Tetrachloride	5.672	117	16715	4.918	ug/l	97
39) Methylcyclohexane	7.373	83	24837	5.178	ug/l	90
40) Benzene	6.037	78	54023	4.967	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11672	4.697	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	18485	5.130	ug/l	89
43) Isopropyl Acetate	6.342	43	38137	4.981	ug/l	98
44) Trichloroethene	7.123	130	12967	4.898	ug/l	95
45) 1,2-Dichloropropane	7.433	63	13770	4.704	ug/l	92
46) Dibromomethane	7.586	93	9549	4.892	ug/l	95
47) Bromodichloromethane	7.824	83	19427	5.015	ug/l	96
48) Methyl methacrylate	7.696	41	17509	4.713	ug/l	89
49) 1,4-Dioxane	7.665	88	7075	98.439	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	121235	24.777	ug/l	98
52) Toluene	8.720	92	32643	4.836	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	22517	4.891	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	23816	5.008	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	13626	4.838	ug/l	93
56) Ethyl methacrylate	9.116	69	23845	5.004	ug/l	95
57) 1,3-Dichloropropane	9.311	76	23123	4.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	58947	26.556	ug/l	96
59) 2-Hexanone	9.427	43	100185	25.544	ug/l	98
60) Dibromochloromethane	9.518	129	13937	4.867	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14148	4.787	ug/l	96
64) Tetrachloroethene	9.275	164	10121	5.038	ug/l	90
65) Chlorobenzene	10.079	112	35804	5.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	12161	4.856	ug/l	90
67) Ethyl Benzene	10.195	91	65484	5.120	ug/l	99
68) m/p-Xylenes	10.299	106	49660	10.264	ug/l	100
69) o-Xylene	10.640	106	24060	5.026	ug/l	98
70) Styrene	10.652	104	41048	5.077	ug/l	98
71) Bromoform	10.799	173	10344	4.955	ug/l #	99
73) Isopropylbenzene	10.963	105	62699	5.198	ug/l	100
74) N-amyl acetate	10.841	43	30168	4.731	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23492	4.989	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	19226m	5.111	ug/l	
77) Bromobenzene	11.195	156	14052	5.185	ug/l	97
78) n-propylbenzene	11.305	91	75510	5.086	ug/l	99
79) 2-Chlorotoluene	11.366	91	45592	5.174	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	52129	5.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8555	4.913	ug/l #	79
82) 4-Chlorotoluene	11.451	91	51517	5.071	ug/l	98
83) tert-Butylbenzene	11.713	119	51628	5.169	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	52534	5.118	ug/l	96
85) sec-Butylbenzene	11.890	105	67442	5.162	ug/l	99
86) p-Isopropyltoluene	12.006	119	54494	5.196	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	27140	5.114	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	27473	5.058	ug/l	94
89) n-Butylbenzene	12.329	91	53711	5.076	ug/l	97
90) Hexachloroethane	12.536	117	10549	5.037	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	25859	5.137	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5977	5.181	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	17572	5.209	ug/l	95
94) Hexachlorobutadiene	13.725	225	6039	5.055	ug/l	98
95) Naphthalene	13.774	128	64036	5.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15958	4.991	ug/l	99

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

