

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035459.D
 Acq On : 01 May 2023 23:40
 Operator : JC/MD
 Sample : VX0501WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Quant Time: May 02 02:42:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	259306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152139	48.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	128180	50.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	8.647	98	468662	48.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	178598	49.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48160	17.552	ug/l	99
3) Chloromethane	1.294	50	40001	16.026	ug/l	99
4) Vinyl Chloride	1.374	62	41774	16.687	ug/l	96
5) Bromomethane	1.618	94	25814	15.514	ug/l	98
6) Chloroethane	1.691	64	24232	16.550	ug/l	100
7) Trichlorofluoromethane	1.886	101	66734	17.046	ug/l	100
8) Diethyl Ether	2.130	74	23911	16.752	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	45080	17.241	ug/l	93
10) Methyl Iodide	2.453	142	42292	12.816	ug/l	100
11) Tert butyl alcohol	2.995	59	56345m	98.918	ug/l	
12) 1,1-Dichloroethene	2.319	96	42896	17.032	ug/l	99
13) Acrolein	2.239	56	48054	85.784	ug/l	99
14) Allyl chloride	2.666	41	72720	16.408	ug/l	97
15) Acrylonitrile	3.069	53	132168	92.771	ug/l	99
16) Acetone	2.392	43	109648	80.700	ug/l	99
17) Carbon Disulfide	2.514	76	94312	15.621	ug/l	100
18) Methyl Acetate	2.703	43	99279	18.896	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	163357	18.906	ug/l	96
20) Methylene Chloride	2.788	84	51317	16.472	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47313	17.297	ug/l	97
22) Diisopropyl ether	3.757	45	159878	18.229	ug/l	98
23) Vinyl Acetate	3.721	43	557168	92.421	ug/l	99
24) 1,1-Dichloroethane	3.611	63	90711	18.362	ug/l	100
25) 2-Butanone	4.562	43	180465	90.998	ug/l	94
26) 2,2-Dichloropropane	4.471	77	61116	15.791	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58246	18.116	ug/l	91
28) Bromochloromethane	4.897	49	43282	20.559	ug/l	86
29) Tetrahydrofuran	5.013	42	117461	92.394	ug/l	94
30) Chloroform	5.093	83	92865	18.621	ug/l	97
31) Cyclohexane	5.477	56	76456	17.229	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	80640	18.450	ug/l	97
36) 1,1-Dichloropropene	5.690	75	66351	16.750	ug/l	97
37) Ethyl Acetate	4.715	43	69039	19.082	ug/l	96
38) Carbon Tetrachloride	5.678	117	66203	17.605	ug/l	99
39) Methylcyclohexane	7.379	83	78083	16.194	ug/l	98
40) Benzene	6.037	78	200861	17.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39988	19.289	ug/l	96
42) 1,2-Dichloroethane	6.086	62	73213	18.070	ug/l	97
43) Isopropyl Acetate	6.342	43	110747	18.217	ug/l	95
44) Trichloroethene	7.123	130	56477	18.041	ug/l	100
45) 1,2-Dichloropropane	7.427	63	52048	18.168	ug/l	100
46) Dibromomethane	7.580	93	35417	18.002	ug/l	92
47) Bromodichloromethane	7.824	83	64864	17.895	ug/l	100
48) Methyl methacrylate	7.690	41	55270	18.534	ug/l	92
49) 1,4-Dioxane	7.708	88	27210	374.332	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	357098	95.610	ug/l	96
52) Toluene	8.720	92	130440	18.109	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67965	17.954	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	76560	17.893	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53626	18.675	ug/l	96
56) Ethyl methacrylate	9.116	69	81523	19.058	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	90517	18.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	182420	85.289	ug/l	94
59) 2-Hexanone	9.433	43	266095	94.835	ug/l	93
60) Dibromochloromethane	9.519	129	51264	18.633	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55169	18.637	ug/l	99
64) Tetrachloroethene	9.275	164	50056	17.790	ug/l	97
65) Chlorobenzene	10.079	112	140528	17.676	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	50811	18.364	ug/l	98
67) Ethyl Benzene	10.195	91	249471	18.119	ug/l	98
68) m/p-Xylenes	10.299	106	190077	36.028	ug/l	99
69) o-Xylene	10.640	106	93705	18.113	ug/l	100
70) Styrene	10.653	104	154573	18.428	ug/l	97
71) Bromoform	10.799	173	35649	18.523	ug/l #	99
73) Isopropylbenzene	10.963	105	245035	18.622	ug/l	99
74) N-amyl acetate	10.842	43	94975	19.206	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	79055	19.357	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64036m	17.834	ug/l	
77) Bromobenzene	11.195	156	60747	18.572	ug/l	90
78) n-propylbenzene	11.305	91	272235	18.014	ug/l	99
79) 2-Chlorotoluene	11.366	91	168510	17.844	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	204055	18.392	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17404	15.698	ug/l	92
82) 4-Chlorotoluene	11.451	91	190379	17.950	ug/l	97
83) tert-Butylbenzene	11.713	119	206440	18.544	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	207607	18.623	ug/l	100
85) sec-Butylbenzene	11.890	105	244785	17.926	ug/l	99
86) p-Isopropyltoluene	12.006	119	211744	18.232	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	112290	18.065	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114185	17.520	ug/l	100
89) n-Butylbenzene	12.329	91	165192	16.850	ug/l	99
90) Hexachloroethane	12.536	117	30628	17.228	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	111652	17.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15730	19.208	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	68711	17.583	ug/l	98
94) Hexachlorobutadiene	13.725	225	27265	15.897	ug/l	98
95) Naphthalene	13.774	128	243864	20.271	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70516	17.925	ug/l	98

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

