

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035460.D
 Acq On : 02 May 2023 00:03
 Operator : JC/MD
 Sample : VX0501WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Quant Time: May 02 02:43:36 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	5.550	168	230193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131845	47.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.960%		
35) Dibromofluoromethane	5.385	113	110579	48.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.647	98	404785	47.515	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.079	95	156102	48.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42021	17.252	ug/l	98
3) Chloromethane	1.295	50	35711	16.117	ug/l	99
4) Vinyl Chloride	1.374	62	37057	16.675	ug/l	99
5) Bromomethane	1.618	94	22324	15.114	ug/l	95
6) Chloroethane	1.691	64	21251	16.350	ug/l	96
7) Trichlorofluoromethane	1.886	101	60936	17.534	ug/l	97
8) Diethyl Ether	2.130	74	21145	16.687	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	39765	17.131	ug/l	94
10) Methyl Iodide	2.453	142	39070	13.337	ug/l	98
11) Tert butyl alcohol	2.995	59	50019	98.918	ug/l	98
12) 1,1-Dichloroethene	2.319	96	37665	16.847	ug/l	99
13) Acrolein	2.239	56	48574	97.679	ug/l	99
14) Allyl chloride	2.666	41	65649	16.686	ug/l	98
15) Acrylonitrile	3.069	53	118714	93.866	ug/l	98
16) Acetone	2.392	43	97421	80.770	ug/l	95
17) Carbon Disulfide	2.514	76	86979	16.229	ug/l	98
18) Methyl Acetate	2.703	43	88020	18.871	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	146869	19.148	ug/l	97
20) Methylene Chloride	2.788	84	46345	16.757	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	42274	17.410	ug/l	91
22) Diisopropyl ether	3.757	45	141419	18.164	ug/l	98
23) Vinyl Acetate	3.721	43	491189	91.781	ug/l	97
24) 1,1-Dichloroethane	3.611	63	79650	18.162	ug/l	99
25) 2-Butanone	4.562	43	158956	90.290	ug/l	95
26) 2,2-Dichloropropane	4.477	77	54264	15.794	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	52349	18.341	ug/l	90
28) Bromochloromethane	4.904	49	30447	16.291	ug/l #	83
29) Tetrahydrofuran	5.013	42	104189	92.319	ug/l	95
30) Chloroform	5.093	83	81538	18.417	ug/l	96
31) Cyclohexane	5.465	56	68382	17.358	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	71623	18.460	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61592	17.467	ug/l	99
37) Ethyl Acetate	4.715	43	60976	18.933	ug/l	95
38) Carbon Tetrachloride	5.678	117	60658	18.121	ug/l	93
39) Methylcyclohexane	7.379	83	69866	16.277	ug/l	98
40) Benzene	6.038	78	180166	17.811	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	34697	18.802	ug/l	96
42) 1,2-Dichloroethane	6.086	62	65102	18.051	ug/l	97
43) Isopropyl Acetate	6.336	43	99792	18.440	ug/l #	94
44) Trichloroethene	7.129	130	50287	18.046	ug/l	94
45) 1,2-Dichloropropane	7.428	63	45392	17.799	ug/l	95
46) Dibromomethane	7.580	93	31998	18.271	ug/l	93
47) Bromodichloromethane	7.824	83	58012	17.979	ug/l	100
48) Methyl methacrylate	7.690	41	50008	18.839	ug/l	91
49) 1,4-Dioxane	7.702	88	24294	375.455	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	318314	95.742	ug/l	95
52) Toluene	8.720	92	115173	17.962	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	61383	18.216	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70103	18.406	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	47317	18.511	ug/l	95
56) Ethyl methacrylate	9.116	69	72231	18.970	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	80758	18.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	175617	92.239	ug/l	94
59) 2-Hexanone	9.427	43	238435	95.462	ug/l	95
60) Dibromochloromethane	9.519	129	46984	19.185	ug/l	97
61) 1,2-Dibromoethane	9.610	107	50143	19.029	ug/l	98
64) Tetrachloroethene	9.275	164	43966	17.723	ug/l	98
65) Chlorobenzene	10.080	112	125694	17.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45196	18.526	ug/l	98
67) Ethyl Benzene	10.195	91	222113	18.297	ug/l	98
68) m/p-Xylenes	10.299	106	171634	36.898	ug/l	99
69) o-Xylene	10.640	106	86382	18.938	ug/l	97
70) Styrene	10.653	104	142230	19.232	ug/l	96
71) Bromoform	10.799	173	31448	18.533	ug/l #	98
73) Isopropylbenzene	10.964	105	224922	19.336	ug/l	100
74) N-amyl acetate	10.842	43	85377	19.531	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	71014	19.669	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	56565m	17.820	ug/l	
77) Bromobenzene	11.195	156	55344	19.140	ug/l	90
78) n-propylbenzene	11.305	91	247755	18.546	ug/l	99
79) 2-Chlorotoluene	11.366	91	153879	18.433	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	188681	19.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15697	16.016	ug/l	95
82) 4-Chlorotoluene	11.451	91	175605	18.729	ug/l	98
83) tert-Butylbenzene	11.713	119	183535	18.650	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	186351	18.909	ug/l	100
85) sec-Butylbenzene	11.890	105	219164	18.156	ug/l	100
86) p-Isopropyltoluene	12.006	119	187762	18.289	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	100757	18.336	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	101209	17.567	ug/l	99
89) n-Butylbenzene	12.335	91	141754	16.356	ug/l	99
90) Hexachloroethane	12.536	117	26551	16.894	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	98637	17.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13175	18.199	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	60232	17.435	ug/l	98
94) Hexachlorobutadiene	13.725	225	25907	17.087	ug/l	98
95) Naphthalene	13.774	128	211827	19.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61269	17.618	ug/l	99

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

