

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034076.D
 Acq On : 08 Feb 2023 11:26
 Operator : JC/MD
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Quant Time: Feb 08 13:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61246	48.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.740%		
35) Dibromofluoromethane	5.385	113	54708	47.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.646	98	196775	47.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.920%		
62) 4-Bromofluorobenzene	11.079	95	73520	49.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20810	19.491	ug/l	94
3) Chloromethane	1.294	50	18525	18.386	ug/l	98
4) Vinyl Chloride	1.373	62	18507	17.539	ug/l	97
5) Bromomethane	1.605	94	12402	22.824	ug/l	100
6) Chloroethane	1.690	64	10551	18.082	ug/l	96
7) Trichlorofluoromethane	1.892	101	32407	19.303	ug/l	99
8) Diethyl Ether	2.129	74	10050	17.404	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	20454	18.248	ug/l	94
10) Methyl Iodide	2.452	142	25521	16.071	ug/l	94
11) Tert butyl alcohol	2.946	59	17213	97.030	ug/l #	83
12) 1,1-Dichloroethene	2.324	96	19487	18.121	ug/l	88
13) Acrolein	2.233	56	19563	82.219	ug/l	99
14) Allyl chloride	2.666	41	31443	17.933	ug/l	91
15) Acrylonitrile	3.062	53	50917	89.477	ug/l	99
16) Acetone	2.373	43	51384	96.082	ug/l	94
17) Carbon Disulfide	2.513	76	47139	17.277	ug/l	100
18) Methyl Acetate	2.696	43	30718	18.465	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	62212	18.760	ug/l	98
20) Methylene Chloride	2.788	84	21869	17.874	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21146	18.054	ug/l	95
22) Diisopropyl ether	3.757	45	62608	18.094	ug/l	97
23) Vinyl Acetate	3.721	43	237734	90.226	ug/l	98
24) 1,1-Dichloroethane	3.611	63	37120	18.612	ug/l	98
25) 2-Butanone	4.550	43	70560	90.610	ug/l	93
26) 2,2-Dichloropropane	4.476	77	27585	18.961	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24829	18.429	ug/l	96
28) Bromochloromethane	4.897	49	17069	19.466	ug/l	84
29) Tetrahydrofuran	5.001	42	44270	89.384	ug/l	94
30) Chloroform	5.092	83	38857	18.694	ug/l	100
31) Cyclohexane	5.470	56	33456	18.144	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	34264	19.141	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29212	18.516	ug/l	99
37) Ethyl Acetate	4.708	43	25783	17.543	ug/l	98
38) Carbon Tetrachloride	5.678	117	31948	18.987	ug/l	94
39) Methylcyclohexane	7.378	83	35900	18.077	ug/l	97
40) Benzene	6.037	78	84021	18.406	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	14758	17.843	ug/l	94
42) 1,2-Dichloroethane	6.086	62	30949	19.952	ug/l	100
43) Isopropyl Acetate	6.342	43	41775	18.226	ug/l	98
44) Trichloroethene	7.128	130	25532	18.199	ug/l	99
45) 1,2-Dichloropropane	7.427	63	20856	18.505	ug/l	96
46) Dibromomethane	7.580	93	15701	19.445	ug/l	94
47) Bromodichloromethane	7.823	83	29405	19.219	ug/l	96
48) Methyl methacrylate	7.689	41	21518	18.183	ug/l	93
49) 1,4-Dioxane	7.665	88	10021	439.922	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	135988	94.588	ug/l	98
52) Toluene	8.720	92	55514	18.765	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28895	18.786	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33054	18.889	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	23121	19.567	ug/l	95
56) Ethyl methacrylate	9.116	69	31110	18.850	ug/l	95
57) 1,3-Dichloropropane	9.311	76	37038	19.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	65967	85.909	ug/l	98
59) 2-Hexanone	9.427	43	102510	97.433	ug/l	99
60) Dibromochloromethane	9.518	129	25310	19.326	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24322	19.142	ug/l	97
64) Tetrachloroethene	9.274	164	25588	18.793	ug/l	98
65) Chlorobenzene	10.079	112	63685	18.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	24225	19.035	ug/l	98
67) Ethyl Benzene	10.195	91	106147	18.622	ug/l	100
68) m/p-Xylenes	10.299	106	87319	38.323	ug/l	100
69) o-Xylene	10.640	106	41821	19.111	ug/l	98
70) Styrene	10.652	104	70301	19.506	ug/l	99
71) Bromoform	10.799	173	20631	19.874	ug/l #	99
73) Isopropylbenzene	10.963	105	111881	18.699	ug/l	100
74) N-amyl acetate	10.841	43	35155	17.835	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33162	18.421	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	29739m	19.346	ug/l	
77) Bromobenzene	11.195	156	31020	18.697	ug/l	95
78) n-propylbenzene	11.305	91	122597	18.532	ug/l	100
79) 2-Chlorotoluene	11.366	91	75484	18.844	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94631	19.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8400	16.828	ug/l	97
82) 4-Chlorotoluene	11.451	91	84791	18.716	ug/l	99
83) tert-Butylbenzene	11.713	119	94515	18.369	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	94506	18.994	ug/l	99
85) sec-Butylbenzene	11.890	105	113585	18.451	ug/l	99
86) p-Isopropyltoluene	12.006	119	101687	18.833	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	56390	18.523	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	56540	18.293	ug/l	98
89) n-Butylbenzene	12.335	91	78279	18.492	ug/l	99
90) Hexachloroethane	12.536	117	15554	18.299	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	55847	18.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6700	18.927	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	38339	18.275	ug/l	99
94) Hexachlorobutadiene	13.725	225	18415	17.734	ug/l	100
95) Naphthalene	13.774	128	107141	18.589	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38481	18.261	ug/l	100

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

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