

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034224.D
 Acq On : 22 Feb 2023 13:20
 Operator : JC/MD
 Sample : VX0222WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBS01

Quant Time: Feb 23 01:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	307445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	497129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	184558	44.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.140%		
35) Dibromofluoromethane	5.385	113	158139	48.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.720%		
50) Toluene-d8	8.647	98	595201	51.217	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.440%		
62) 4-Bromofluorobenzene	11.079	95	222282	50.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	53164	20.012	ug/l	96
3) Chloromethane	1.295	50	76862	20.105	ug/l	96
4) Vinyl Chloride	1.374	62	77458	22.247	ug/l	99
5) Bromomethane	1.612	94	39674	27.038	ug/l	99
6) Chloroethane	1.691	64	43644	24.934	ug/l	95
7) Trichlorofluoromethane	1.892	101	113917	24.184	ug/l	98
8) Diethyl Ether	2.130	74	44567	23.485	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	61241	18.461	ug/l	96
10) Methyl Iodide	2.453	142	71737	17.761	ug/l	94
11) Tert butyl alcohol	2.971	59	78422	84.681	ug/l #	82
12) 1,1-Dichloroethene	2.325	96	60883	18.309	ug/l	87
13) Acrolein	2.240	56	37399	88.468	ug/l	98
14) Allyl chloride	2.666	41	119733	16.974	ug/l	89
15) Acrylonitrile	3.063	53	184530	91.339	ug/l	98
16) Acetone	2.380	43	164457	76.996	ug/l #	89
17) Carbon Disulfide	2.514	76	161904	16.934	ug/l	100
18) Methyl Acetate	2.703	43	120114	18.174	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	216340	18.433	ug/l	97
20) Methylene Chloride	2.788	84	70799	18.397	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	65090	18.680	ug/l	96
22) Diisopropyl ether	3.758	45	239006	19.327	ug/l	97
23) Vinyl Acetate	3.721	43	924957	93.356	ug/l	100
24) 1,1-Dichloroethane	3.611	63	123775	18.232	ug/l	100
25) 2-Butanone	4.550	43	262769	85.026	ug/l	97
26) 2,2-Dichloropropane	4.471	77	107951	17.553	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	80236	19.445	ug/l	98
28) Bromochloromethane	4.898	49	54723	18.069	ug/l	91
29) Tetrahydrofuran	5.001	42	167560	88.876	ug/l	99
30) Chloroform	5.093	83	122055	18.723	ug/l	97
31) Cyclohexane	5.471	56	114655	18.547	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	107637	18.419	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90728	18.953	ug/l	98
37) Ethyl Acetate	4.709	43	101635	18.998	ug/l	99
38) Carbon Tetrachloride	5.678	117	94211	19.126	ug/l	95
39) Methylcyclohexane	7.379	83	115798	18.798	ug/l	96
40) Benzene	6.038	78	277773	19.581	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56232	18.865	ug/l	97
42) 1,2-Dichloroethane	6.086	62	93447	18.730	ug/l	100
43) Isopropyl Acetate	6.336	43	175819	18.624	ug/l	99
44) Trichloroethene	7.129	130	72660	19.959	ug/l	97
45) 1,2-Dichloropropane	7.428	63	74927	19.841	ug/l	97
46) Dibromomethane	7.580	93	48745	19.613	ug/l	87
47) Bromodichloromethane	7.818	83	95485	18.721	ug/l	97
48) Methyl methacrylate	7.690	41	79557	17.755	ug/l	96
49) 1,4-Dioxane	7.678	88	34195	382.600	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	523147	100.721	ug/l	99
52) Toluene	8.720	92	176834	20.573	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	108803	18.533	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	118249	18.814	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	71462	20.597	ug/l	99
56) Ethyl methacrylate	9.116	69	113062	19.263	ug/l	99
57) 1,3-Dichloropropane	9.305	76	123245	20.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	249815	98.255	ug/l	96
59) 2-Hexanone	9.427	43	394033	99.543	ug/l	98
60) Dibromochloromethane	9.519	129	75478	19.688	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73707	20.087	ug/l	100
64) Tetrachloroethene	9.275	164	64139	20.213	ug/l	97
65) Chlorobenzene	10.080	112	186689	19.920	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	71034	19.579	ug/l	97
67) Ethyl Benzene	10.195	91	333055	19.781	ug/l	99
68) m/p-Xylenes	10.299	106	259429	40.264	ug/l	98
69) o-Xylene	10.640	106	129005	20.111	ug/l	97
70) Styrene	10.653	104	209295	20.062	ug/l	98
71) Bromoform	10.799	173	55711	18.812	ug/l #	99
73) Isopropylbenzene	10.964	105	330106	19.758	ug/l	99
74) N-amyl acetate	10.842	43	154753	18.437	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	107628	18.834	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90526m	16.411	ug/l	
77) Bromobenzene	11.195	156	80875	20.115	ug/l	90
78) n-propylbenzene	11.305	91	381744	19.646	ug/l	98
79) 2-Chlorotoluene	11.366	91	225833	18.954	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	277493	19.755	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	35667	16.610	ug/l	91
82) 4-Chlorotoluene	11.451	91	260838	19.221	ug/l	98
83) tert-Butylbenzene	11.713	119	275525	19.151	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	276636	19.477	ug/l	98
85) sec-Butylbenzene	11.890	105	348230	19.932	ug/l	98
86) p-Isopropyltoluene	12.006	119	286802	19.836	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	151617	20.107	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	151130	19.871	ug/l	97
89) n-Butylbenzene	12.329	91	247969	19.255	ug/l	98
90) Hexachloroethane	12.536	117	53852	17.814	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	148294	20.100	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21207	15.562	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	91118	19.237	ug/l	99
94) Hexachlorobutadiene	13.725	225	38256	19.483	ug/l	99
95) Naphthalene	13.774	128	300387	18.826	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	92274	19.623	ug/l	98

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

