

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033981.D
 Acq On : 01 Feb 2023 11:24
 Operator : JC/MD
 Sample : VX0201WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 02 01:35:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72224	43.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.240%		
35) Dibromofluoromethane	5.385	113	67614	49.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	8.647	98	237832	47.402	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.800%		
62) 4-Bromofluorobenzene	11.079	95	88023	47.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20884	16.612	ug/l	99
3) Chloromethane	1.294	50	24555	17.681	ug/l	97
4) Vinyl Chloride	1.374	62	25725	19.089	ug/l	95
5) Bromomethane	1.611	94	12750	16.467	ug/l	96
6) Chloroethane	1.691	64	15764	18.921	ug/l	99
7) Trichlorofluoromethane	1.892	101	38045	17.408	ug/l	96
8) Diethyl Ether	2.130	74	14894	20.814	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	26176	21.203	ug/l	94
10) Methyl Iodide	2.453	142	34525	19.539	ug/l	92
11) Tert butyl alcohol	2.959	59	22992	79.017	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	23694	18.305	ug/l	88
13) Acrolein	2.233	56	24887	92.698	ug/l	100
14) Allyl chloride	2.666	41	41951	17.183	ug/l	89
15) Acrylonitrile	3.062	53	73871	96.464	ug/l	99
16) Acetone	2.380	43	75637	117.700	ug/l	92
17) Carbon Disulfide	2.514	76	47428	15.773	ug/l	99
18) Methyl Acetate	2.697	43	45002	19.251	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	83604	18.596	ug/l	100
20) Methylene Chloride	2.794	84	28766	18.156	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	25820	17.063	ug/l	96
22) Diisopropyl ether	3.757	45	90303	18.384	ug/l	95
23) Vinyl Acetate	3.721	43	332191	89.835	ug/l	99
24) 1,1-Dichloroethane	3.611	63	48327	17.982	ug/l	100
25) 2-Butanone	4.550	43	103403	94.483	ug/l	96
26) 2,2-Dichloropropane	4.477	77	34215	17.774	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32360	18.601	ug/l	97
28) Bromochloromethane	4.891	49	26614	21.741	ug/l	94
29) Tetrahydrofuran	5.001	42	63692	92.338	ug/l	97
30) Chloroform	5.093	83	51801	18.819	ug/l	99
31) Cyclohexane	5.471	56	40449	16.411	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	42371	18.029	ug/l	99
36) 1,1-Dichloropropene	5.690	75	35978	17.902	ug/l	99
37) Ethyl Acetate	4.708	43	37557	17.741	ug/l	99
38) Carbon Tetrachloride	5.678	117	38290	18.395	ug/l	95
39) Methylcyclohexane	7.379	83	43077	17.357	ug/l	94
40) Benzene	6.038	78	110177	18.808	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21488	19.402	ug/l	96
42) 1,2-Dichloroethane	6.086	62	37991	18.301	ug/l	99
43) Isopropyl Acetate	6.336	43	59928	18.888	ug/l	98
44) Trichloroethene	7.123	130	32740	19.987	ug/l	94
45) 1,2-Dichloropropane	7.428	63	28410	19.360	ug/l	100
46) Dibromomethane	7.580	93	19605	19.127	ug/l	95
47) Bromodichloromethane	7.818	83	38529	19.505	ug/l	99
48) Methyl methacrylate	7.690	41	30476	19.069	ug/l	96
49) 1,4-Dioxane	7.677	88	12680	358.674	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	192840	98.967	ug/l	98
52) Toluene	8.720	92	72755	19.232	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	37045	18.753	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	42531	19.214	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	30380	20.288	ug/l	99
56) Ethyl methacrylate	9.116	69	42576	20.204	ug/l	96
57) 1,3-Dichloropropane	9.305	76	49975	20.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106373	102.493	ug/l	98
59) 2-Hexanone	9.427	43	145198	107.062	ug/l	98
60) Dibromochloromethane	9.519	129	31938	20.573	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31221	20.892	ug/l	97
64) Tetrachloroethene	9.275	164	30262	21.063	ug/l	96
65) Chlorobenzene	10.079	112	81226	20.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31167	20.884	ug/l	98
67) Ethyl Benzene	10.195	91	136254	19.570	ug/l	99
68) m/p-Xylenes	10.299	106	108560	39.864	ug/l	98
69) o-Xylene	10.640	106	53943	19.974	ug/l	99
70) Styrene	10.653	104	89753	20.435	ug/l	99
71) Bromoform	10.799	173	24817	19.845	ug/l #	99
73) Isopropylbenzene	10.963	105	140242	18.990	ug/l	100
74) N-amyl acetate	10.842	43	48412	17.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43387	19.703	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39399m	20.675	ug/l	
77) Bromobenzene	11.195	156	38377	19.446	ug/l	98
78) n-propylbenzene	11.305	91	154337	18.236	ug/l	100
79) 2-Chlorotoluene	11.366	91	94838	18.889	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	116833	18.720	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10857	17.707	ug/l	96
82) 4-Chlorotoluene	11.451	91	106497	18.475	ug/l	99
83) tert-Butylbenzene	11.713	119	119528	19.289	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	117358	19.879	ug/l	99
85) sec-Butylbenzene	11.890	105	144632	19.514	ug/l	99
86) p-Isopropyltoluene	12.006	119	126073	19.868	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69288	19.771	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	70187	19.660	ug/l	99
89) n-Butylbenzene	12.329	91	96566	18.601	ug/l	99
90) Hexachloroethane	12.536	117	19253	18.445	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	69907	20.672	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8258	19.512	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	46926	20.600	ug/l	99
94) Hexachlorobutadiene	13.725	225	22700	20.343	ug/l	98
95) Naphthalene	13.774	128	137138	20.926	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47500	20.839	ug/l	99

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

