

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031564.D
 Acq On : 22 Sep 2022 12:41
 Operator : JC/MD
 Sample : VX0922WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 22 17:59:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	43698	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	65625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38214	47.543	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	5.385	113	33917	50.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.000%		
50) Toluene-d8	8.646	98	123835	47.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.720%		
62) 4-Bromofluorobenzene	11.079	95	41971	47.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13775	21.925	ug/l	96
3) Chloromethane	1.288	50	16101	19.317	ug/l	96
4) Vinyl Chloride	1.373	62	19339	20.348	ug/l	96
5) Bromomethane	1.611	94	28329	20.933	ug/l	98
6) Chloroethane	1.684	64	26346	30.868	ug/l	99
7) Trichlorofluoromethane	1.885	101	41944	19.456	ug/l	96
8) Diethyl Ether	2.129	74	13672	18.414	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.324	101	14180	20.153	ug/l	92
10) Methyl Iodide	2.452	142	11848	17.404	ug/l	98
11) Tert butyl alcohol	2.995	59	17902	84.600	ug/l	97
12) 1,1-Dichloroethene	2.318	96	12581	18.497	ug/l	87
13) Acrolein	2.233	56	6651	68.030	ug/l	98
14) Allyl chloride	2.660	41	18319	16.516	ug/l	88
15) Acrylonitrile	3.068	53	39165	92.868	ug/l	98
16) Acetone	2.391	43	35477	103.953	ug/l	100
17) Carbon Disulfide	2.507	76	29019	15.834	ug/l	96
18) Methyl Acetate	2.708	43	22528	18.812	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	44976	18.283	ug/l	98
20) Methylene Chloride	2.788	84	15348	20.037	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14454	18.818	ug/l	90
22) Diisopropyl ether	3.763	45	42829	17.831	ug/l	94
23) Vinyl Acetate	3.720	43	181799	88.503	ug/l	98
24) 1,1-Dichloroethane	3.605	63	24308	17.908	ug/l	99
25) 2-Butanone	4.562	43	57946	93.657	ug/l	96
26) 2,2-Dichloropropane	4.476	77	20206	16.852	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	16752	18.096	ug/l	88
28) Bromochloromethane	4.897	49	9411	17.355	ug/l	89
29) Tetrahydrofuran	5.013	42	37238	92.291	ug/l	97
30) Chloroform	5.092	83	27979	18.794	ug/l	99
31) Cyclohexane	5.470	56	21385	17.991	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	24082	17.809	ug/l	99
36) 1,1-Dichloropropene	5.690	75	19522	18.715	ug/l	96
37) Ethyl Acetate	4.720	43	22043	17.713	ug/l	98
38) Carbon Tetrachloride	5.671	117	21289	18.412	ug/l	98
39) Methylcyclohexane	7.378	83	23921	18.638	ug/l	93
40) Benzene	6.043	78	59481	19.113	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	10785	17.407	ug/l	91
42) 1,2-Dichloroethane	6.086	62	22062	19.233	ug/l	97
43) Isopropyl Acetate	6.342	43	34974	18.286	ug/l	98
44) Trichloroethene	7.128	130	16710	18.938	ug/l	89
45) 1,2-Dichloropropane	7.433	63	14531	18.575	ug/l	90
46) Dibromomethane	7.580	93	11348	18.846	ug/l	92
47) Bromodichloromethane	7.823	83	20484	18.093	ug/l	96
48) Methyl methacrylate	7.695	41	15411	17.637	ug/l	87
49) 1,4-Dioxane	7.695	88	8303	416.082	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	118518	96.340	ug/l	100
52) Toluene	8.720	92	39351	19.388	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	20378	17.394	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	22479	17.544	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	16405	19.616	ug/l	98
56) Ethyl methacrylate	9.116	69	22937	19.284	ug/l	91
57) 1,3-Dichloropropane	9.311	76	26544	19.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	37231	75.651	ug/l	95
59) 2-Hexanone	9.433	43	90990	98.483	ug/l	99
60) Dibromochloromethane	9.524	129	16207	18.250	ug/l	98
61) 1,2-Dibromoethane	9.610	107	17414	19.328	ug/l	98
64) Tetrachloroethene	9.274	164	16796	19.542	ug/l	94
65) Chlorobenzene	10.079	112	43942	19.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	15957	20.043	ug/l	98
67) Ethyl Benzene	10.195	91	75729	19.438	ug/l	96
68) m/p-Xylenes	10.305	106	60299	38.513	ug/l	96
69) o-Xylene	10.640	106	30064	20.117	ug/l	92
70) Styrene	10.658	104	48130	19.561	ug/l	97
71) Bromoform	10.798	173	11421	17.929	ug/l #	98
73) Isopropylbenzene	10.963	105	77910	19.812	ug/l	99
74) N-amyl acetate	10.847	43	30628	19.216	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	26165	22.381	ug/l	97
76) 1,2,3-Trichloropropane	11.237	75	22039m	18.751	ug/l	
77) Bromobenzene	11.201	156	18867	19.466	ug/l	91
78) n-propylbenzene	11.304	91	89697	19.826	ug/l	98
79) 2-Chlorotoluene	11.365	91	51078	18.967	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	64559	19.344	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5953	16.308	ug/l #	84
82) 4-Chlorotoluene	11.457	91	59818	18.928	ug/l	97
83) tert-Butylbenzene	11.713	119	64621	19.978	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	64227	19.541	ug/l	98
85) sec-Butylbenzene	11.890	105	80981	19.783	ug/l	100
86) p-Isopropyltoluene	12.012	119	68907	19.934	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	36690	19.750	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	37918	19.569	ug/l	98
89) n-Butylbenzene	12.335	91	58238	19.779	ug/l	98
90) Hexachloroethane	12.542	117	10788	18.163	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	37695	20.150	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5041	18.655	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	21400	20.760	ug/l	95
94) Hexachlorobutadiene	13.725	225	8684	21.663	ug/l	94
95) Naphthalene	13.780	128	77441	20.513	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21409	20.151	ug/l	98

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

