

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036645.D
 Acq On : 25 Jul 2023 11:40
 Operator : JC/MD
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Quant Time: Jul 26 06:22:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116169	47.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.391	113	94317	48.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.647	98	338090	48.825	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	130701	50.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37480	17.253	ug/l	100
3) Chloromethane	1.294	50	34963	17.695	ug/l	98
4) Vinyl Chloride	1.374	62	37433	18.608	ug/l	99
5) Bromomethane	1.611	94	23106	19.239	ug/l	98
6) Chloroethane	1.685	64	20980	21.451	ug/l	95
7) Trichlorofluoromethane	1.886	101	59693	19.215	ug/l	99
8) Diethyl Ether	2.136	74	22079	18.370	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	34735	18.610	ug/l	99
10) Methyl Iodide	2.453	142	36141	18.643	ug/l	92
11) Tert butyl alcohol	2.983	59	54831	95.185	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	33587	18.240	ug/l	90
13) Acrolein	2.239	56	32734	99.571	ug/l	98
14) Allyl chloride	2.666	41	62920	17.353	ug/l	95
15) Acrylonitrile	3.068	53	112284	96.926	ug/l	98
16) Acetone	2.386	43	95623	94.705	ug/l	92
17) Carbon Disulfide	2.514	76	87280	17.174	ug/l	98
18) Methyl Acetate	2.709	43	79695	18.763	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	131199	18.960	ug/l	98
20) Methylene Chloride	2.788	84	39178	17.447	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	36854	17.908	ug/l	91
22) Diisopropyl ether	3.757	45	125043	18.163	ug/l	96
23) Vinyl Acetate	3.721	43	496912	94.094	ug/l	96
24) 1,1-Dichloroethane	3.611	63	71310	18.474	ug/l	99
25) 2-Butanone	4.562	43	159928	97.627	ug/l	95
26) 2,2-Dichloropropane	4.477	77	65573	18.029	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	44874	18.358	ug/l	93
28) Bromochloromethane	4.897	49	37996	20.354	ug/l	93
29) Tetrahydrofuran	5.013	42	102301	96.862	ug/l	94
30) Chloroform	5.092	83	74390	18.837	ug/l	97
31) Cyclohexane	5.470	56	59586	17.687	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	66642	18.417	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52932	18.187	ug/l	98
37) Ethyl Acetate	4.715	43	62338	18.924	ug/l	97
38) Carbon Tetrachloride	5.678	117	57268	18.508	ug/l	98
39) Methylcyclohexane	7.379	83	64358	17.783	ug/l	97
40) Benzene	6.037	78	155404	18.353	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	33429	18.974	ug/l	94
42) 1,2-Dichloroethane	6.092	62	58994	19.055	ug/l	96
43) Isopropyl Acetate	6.342	43	103449	18.244	ug/l	96
44) Trichloroethene	7.129	130	40603	18.345	ug/l	96
45) 1,2-Dichloropropane	7.434	63	41710	18.449	ug/l	100
46) Dibromomethane	7.580	93	29971	18.942	ug/l	98
47) Bromodichloromethane	7.824	83	60486	18.624	ug/l	97
48) Methyl methacrylate	7.696	41	48842	18.521	ug/l	92
49) 1,4-Dioxane	7.690	88	21192	397.798	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	313532	99.915	ug/l	96
52) Toluene	8.720	92	99665	18.784	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67584	18.411	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	71471	18.451	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	42039	18.849	ug/l	96
56) Ethyl methacrylate	9.116	69	70002	19.275	ug/l	94
57) 1,3-Dichloropropane	9.311	76	71946	19.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	167474	93.588	ug/l	99
59) 2-Hexanone	9.433	43	239907	103.013	ug/l	95
60) Dibromochloromethane	9.519	129	46384	18.922	ug/l	100
61) 1,2-Dibromoethane	9.610	107	44798	19.380	ug/l	100
64) Tetrachloroethene	9.275	164	36100	18.791	ug/l	98
65) Chlorobenzene	10.079	112	107123	18.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42914	19.556	ug/l	98
67) Ethyl Benzene	10.195	91	193546	18.661	ug/l	100
68) m/p-Xylenes	10.299	106	148032	38.254	ug/l	98
69) o-Xylene	10.640	106	72862	18.863	ug/l	100
70) Styrene	10.659	104	122486	19.220	ug/l	98
71) Bromoform	10.799	173	34025	19.154	ug/l #	98
73) Isopropylbenzene	10.963	105	191845	18.126	ug/l	98
74) N-amyl acetate	10.841	43	90150	18.266	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	66717	18.664	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	56349m	18.733	ug/l	
77) Bromobenzene	11.201	156	43939	18.230	ug/l	98
78) n-propylbenzene	11.305	91	220460	18.011	ug/l	100
79) 2-Chlorotoluene	11.366	91	134026	18.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	161824	18.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23449	17.669	ug/l	86
82) 4-Chlorotoluene	11.457	91	154842	18.322	ug/l	99
83) tert-Butylbenzene	11.713	119	161163	18.528	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	161214	18.206	ug/l	98
85) sec-Butylbenzene	11.890	105	199804	18.419	ug/l	100
86) p-Isopropyltoluene	12.006	119	167774	18.796	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83598	18.726	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	82878	18.707	ug/l	98
89) n-Butylbenzene	12.329	91	145308	18.186	ug/l	100
90) Hexachloroethane	12.536	117	32937	18.202	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	82649	19.185	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14990	18.045	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	48722	18.357	ug/l	97
94) Hexachlorobutadiene	13.725	225	19681	17.924	ug/l	99
95) Naphthalene	13.774	128	172601	18.662	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	49004	18.733	ug/l	98

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

