

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036646.D
 Acq On : 25 Jul 2023 12:07
 Operator : JC/MD
 Sample : VX0725WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBSD01

Quant Time: Jul 26 06:23:02 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	162707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115845	48.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	93667	48.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	330851	48.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	129919	50.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36564	17.011	ug/l	96
3) Chloromethane	1.294	50	33040	16.900	ug/l	98
4) Vinyl Chloride	1.374	62	35416	17.793	ug/l	99
5) Bromomethane	1.611	94	22936	19.301	ug/l	95
6) Chloroethane	1.685	64	20963	21.663	ug/l	95
7) Trichlorofluoromethane	1.886	101	58890	19.159	ug/l	98
8) Diethyl Ether	2.136	74	22024	18.520	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	35066	18.989	ug/l	98
10) Methyl Iodide	2.453	142	36586	19.074	ug/l	92
11) Tert butyl alcohol	2.977	59	53144	93.242	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	33315	18.286	ug/l	87
13) Acrolein	2.239	56	32691	100.503	ug/l	98
14) Allyl chloride	2.666	41	61218	17.064	ug/l	95
15) Acrylonitrile	3.069	53	110969	96.814	ug/l	99
16) Acetone	2.386	43	91077	91.167	ug/l	92
17) Carbon Disulfide	2.514	76	84777	16.860	ug/l	99
18) Methyl Acetate	2.703	43	80348	19.118	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	130724	19.094	ug/l	99
20) Methylene Chloride	2.788	84	39163	17.627	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35649	17.507	ug/l	90
22) Diisopropyl ether	3.757	45	125085	18.363	ug/l	98
23) Vinyl Acetate	3.721	43	495956	94.916	ug/l	96
24) 1,1-Dichloroethane	3.611	63	70357	18.422	ug/l	97
25) 2-Butanone	4.556	43	156862	96.778	ug/l	93
26) 2,2-Dichloropropane	4.477	77	63173	17.554	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	44342	18.334	ug/l	94
28) Bromochloromethane	4.891	49	38163	20.661	ug/l	93
29) Tetrahydrofuran	5.007	42	99658	95.367	ug/l	93
30) Chloroform	5.093	83	72727	18.613	ug/l	96
31) Cyclohexane	5.464	56	59357	17.807	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	65940	18.418	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51987	18.045	ug/l	98
37) Ethyl Acetate	4.715	43	61187	18.765	ug/l	96
38) Carbon Tetrachloride	5.678	117	56263	18.370	ug/l	93
39) Methylcyclohexane	7.379	83	63506	17.728	ug/l	94
40) Benzene	6.037	78	152845	18.235	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32644	18.718	ug/l	92
42) 1,2-Dichloroethane	6.086	62	58627	19.131	ug/l	96
43) Isopropyl Acetate	6.342	43	104235	18.571	ug/l	97
44) Trichloroethene	7.129	130	40933	18.683	ug/l	91
45) 1,2-Dichloropropane	7.428	63	41083	18.358	ug/l	98
46) Dibromomethane	7.580	93	29859	19.065	ug/l	97
47) Bromodichloromethane	7.818	83	59848	18.616	ug/l	94
48) Methyl methacrylate	7.696	41	48421	18.550	ug/l	91
49) 1,4-Dioxane	7.690	88	20438	387.575	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	312104	100.479	ug/l	97
52) Toluene	8.720	92	97616	18.587	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	67349	18.535	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70367	18.352	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	41695	18.886	ug/l	96
56) Ethyl methacrylate	9.116	69	68744	19.122	ug/l	95
57) 1,3-Dichloropropane	9.311	76	72022	19.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	169039	95.431	ug/l	98
59) 2-Hexanone	9.427	43	235780	102.278	ug/l	96
60) Dibromochloromethane	9.519	129	45851	18.896	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44950	19.645	ug/l	99
64) Tetrachloroethene	9.275	164	35792	18.665	ug/l	98
65) Chlorobenzene	10.079	112	104992	18.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40961	18.700	ug/l	98
67) Ethyl Benzene	10.195	91	192935	18.636	ug/l	99
68) m/p-Xylenes	10.299	106	145420	37.647	ug/l	99
69) o-Xylene	10.640	106	72568	18.821	ug/l	99
70) Styrene	10.653	104	119699	18.817	ug/l	98
71) Bromoform	10.799	173	34326	19.359	ug/l #	100
73) Isopropylbenzene	10.963	105	189363	18.468	ug/l	99
74) N-amyl acetate	10.842	43	87576	18.316	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	65385	18.880	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55460m	19.031	ug/l	
77) Bromobenzene	11.195	156	43984	18.836	ug/l	95
78) n-propylbenzene	11.305	91	217083	18.307	ug/l	100
79) 2-Chlorotoluene	11.366	91	132335	18.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	159221	18.562	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23600	18.356	ug/l #	84
82) 4-Chlorotoluene	11.451	91	150923	18.434	ug/l	99
83) tert-Butylbenzene	11.713	119	156632	18.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	159099	18.546	ug/l	97
85) sec-Butylbenzene	11.890	105	195536	18.607	ug/l	99
86) p-Isopropyltoluene	12.006	119	165722	19.165	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	82121	18.988	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	81324	18.948	ug/l	100
89) n-Butylbenzene	12.329	91	144818	18.708	ug/l	99
90) Hexachloroethane	12.536	117	32031	18.272	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	79756	19.111	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14684	18.247	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	47958	18.652	ug/l	96
94) Hexachlorobutadiene	13.725	225	19609	18.434	ug/l	100
95) Naphthalene	13.774	128	165837	18.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47863	18.887	ug/l	99

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

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