

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037073.D
 Acq On : 18 Aug 2023 10:42
 Operator : JC/MD
 Sample : VX0818WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:13:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	297099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128343	51.290	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.580%			
35) Dibromofluoromethane	5.385	113	102421	52.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	8.647	98	365677	51.235	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.460%			
62) 4-Bromofluorobenzene	11.079	95	137239	48.929	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41108	20.389	ug/l	99
3) Chloromethane	1.294	50	32548	18.452	ug/l	98
4) Vinyl Chloride	1.374	62	36445	18.982	ug/l	97
5) Bromomethane	1.599	94	19234	20.111	ug/l	97
6) Chloroethane	1.679	64	22708	20.099	ug/l	95
7) Trichlorofluoromethane	1.886	101	63904	20.319	ug/l	98
8) Diethyl Ether	2.136	74	22914	18.832	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	36566	19.930	ug/l	98
10) Methyl Iodide	2.453	142	40224	18.038	ug/l	96
11) Tert butyl alcohol	2.965	59	50412	85.884	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	34472	19.294	ug/l	87
13) Acrolein	2.239	56	40019	89.620	ug/l	100
14) Allyl chloride	2.666	41	52667	19.044	ug/l #	93
15) Acrylonitrile	3.062	53	96250	91.869	ug/l	99
16) Acetone	2.380	43	87663	89.551	ug/l	91
17) Carbon Disulfide	2.514	76	84280	18.545	ug/l	99
18) Methyl Acetate	2.703	43	66964	18.168	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	125954	18.587	ug/l	98
20) Methylene Chloride	2.788	84	37455	17.109	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	37660	18.542	ug/l	89
22) Diisopropyl ether	3.764	45	107478	18.939	ug/l #	87
23) Vinyl Acetate	3.721	43	417132	95.920	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	67299	18.911	ug/l	98
25) 2-Butanone	4.556	43	134077	90.964	ug/l	91
26) 2,2-Dichloropropane	4.477	77	62174	19.563	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	44949	18.772	ug/l	92
28) Bromochloromethane	4.904	49	32802	20.634	ug/l #	77
29) Tetrahydrofuran	5.007	42	84656	90.061	ug/l #	84
30) Chloroform	5.093	83	74392	18.622	ug/l	94
31) Cyclohexane	5.471	56	55066	19.571	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	68775	19.212	ug/l	97
36) 1,1-Dichloropropene	5.696	75	52723	18.860	ug/l	97
37) Ethyl Acetate	4.715	43	51971	18.200	ug/l #	94
38) Carbon Tetrachloride	5.678	117	58784	19.358	ug/l	99
39) Methylcyclohexane	7.379	83	57873	19.705	ug/l	91
40) Benzene	6.038	78	151649	18.915	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27829	18.747	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	60385	19.206	ug/l	97
43) Isopropyl Acetate	6.342	43	86990	19.188	ug/l #	94
44) Trichloroethene	7.123	130	41982	18.467	ug/l	97
45) 1,2-Dichloropropane	7.434	63	37635	19.038	ug/l	97
46) Dibromomethane	7.580	93	29510	18.949	ug/l	95
47) Bromodichloromethane	7.824	83	56330	18.885	ug/l	98
48) Methyl methacrylate	7.696	41	41262	18.663	ug/l #	88
49) 1,4-Dioxane	7.659	88	20817	349.607	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	259035	94.095	ug/l	93
52) Toluene	8.720	92	99716	18.824	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	60685	19.107	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	64631	18.831	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	40643	18.842	ug/l	98
56) Ethyl methacrylate	9.116	69	63271	18.727	ug/l	89
57) 1,3-Dichloropropane	9.305	76	66979	18.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	136351	84.095	ug/l	93
59) 2-Hexanone	9.427	43	195895	93.327	ug/l	91
60) Dibromochloromethane	9.519	129	43382	18.890	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44279	18.749	ug/l	99
64) Tetrachloroethene	9.275	164	37134	19.320	ug/l	99
65) Chlorobenzene	10.079	112	106451	19.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	40107	19.514	ug/l	99
67) Ethyl Benzene	10.195	91	189295	19.318	ug/l	100
68) m/p-Xylenes	10.299	106	144339	38.144	ug/l	99
69) o-Xylene	10.640	106	70380	18.852	ug/l	98
70) Styrene	10.653	104	116627	18.965	ug/l	98
71) Bromoform	10.799	173	29058	18.901	ug/l #	99
73) Isopropylbenzene	10.963	105	182578	19.699	ug/l	99
74) N-amyl acetate	10.842	43	69925	19.417	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	58680	18.800	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51006m	18.783	ug/l	
77) Bromobenzene	11.195	156	44294	19.569	ug/l	92
78) n-propylbenzene	11.305	91	202895	19.660	ug/l	99
79) 2-Chlorotoluene	11.366	91	127321	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	154061	19.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17651	18.155	ug/l	91
82) 4-Chlorotoluene	11.451	91	147888	19.426	ug/l	98
83) tert-Butylbenzene	11.713	119	146967	19.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	152911	19.570	ug/l	98
85) sec-Butylbenzene	11.890	105	175448	20.372	ug/l	100
86) p-Isopropyltoluene	12.006	119	146638	19.779	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80257	18.938	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	81026	18.506	ug/l	98
89) n-Butylbenzene	12.329	91	119985	19.520	ug/l	99
90) Hexachloroethane	12.536	117	24349	19.677	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	78780	18.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13592	18.741	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	46168	19.014	ug/l	96
94) Hexachlorobutadiene	13.725	225	18306	19.515	ug/l	97
95) Naphthalene	13.774	128	173212	16.285	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	45328	18.790	ug/l	99

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

