

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037465.D
 Acq On : 01 Sep 2023 15:20
 Operator : JC/MD
 Sample : VX0901MBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901MBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 02 04:28:15 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
							09/02/2023
Internal Standards							Supervised By :Semsettin
1) Pentafluorobenzene	5.550	168	91078	50.000	ug/l	0.00	esilyurt
34) 1,4-Difluorobenzene	6.763	114	187939	50.000	ug/l	0.00	
63) Chlorobenzene-d5	10.055	117	180562	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.024	152	87333	50.000	ug/l	0.00	
System Monitoring Compounds							09/04/2023
33) 1,2-Dichloroethane-d4	5.952	65	88217	67.185	ug/l	0.00	
Spiked Amount	50.000	Range	78 - 117	Recovery	= 134.360%#		
35) Dibromofluoromethane	5.385	113	72318	58.102	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.200%		
50) Toluene-d8	8.647	98	232989	51.604	ug/l	0.00	
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.200%		
62) 4-Bromofluorobenzene	11.079	95	99263	55.945	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.880%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.166	85	15243	14.408	ug/l	95	
3) Chloromethane	1.294	50	20654	22.315	ug/l	94	
4) Vinyl Chloride	1.374	62	19258	19.115	ug/l	100	
5) Bromomethane	1.611	94	13845	27.588	ug/l	99	
6) Chloroethane	1.679	64	7726	13.032	ug/l	100	
7) Trichlorofluoromethane	1.880	101	27229	16.499	ug/l	98	
8) Diethyl Ether	2.136	74	17263	27.037	ug/l	78	
9) 1,1,2-Trichlorotrifluo...	2.325	101	15254	15.844	ug/l	96	
10) Methyl Iodide	2.447	142	27322	23.349	ug/l	93	
11) Tert butyl alcohol	2.983	59	38671m	125.550	ug/l		
12) 1,1-Dichloroethene	2.319	96	17240	18.388	ug/l	85	
13) Acrolein	2.239	56	21854	93.266	ug/l	97	
14) Allyl chloride	2.660	41	31556	21.745	ug/l #	89	
15) Acrylonitrile	3.068	53	75437	137.218	ug/l	97	
16) Acetone	2.386	43	67521	131.446	ug/l #	88	
17) Carbon Disulfide	2.508	76	32782	13.746	ug/l	97	
18) Methyl Acetate	2.703	43	51464	26.609	ug/l #	88	
19) Methyl tert-butyl Ether	3.117	73	94641	26.616	ug/l	97	
20) Methylene Chloride	2.788	84	29965	26.085	ug/l #	82	
21) trans-1,2-Dichloroethene	3.087	96	21047	19.748	ug/l	87	
22) Diisopropyl ether	3.757	45	77275	25.950	ug/l #	95	
23) Vinyl Acetate	3.721	43	287941	126.181	ug/l #	90	
24) 1,1-Dichloroethane	3.611	63	43329	23.203	ug/l	96	
25) 2-Butanone	4.562	43	99843	129.088	ug/l #	85	
26) 2,2-Dichloropropane	4.471	77	31880	19.116	ug/l	95	
27) cis-1,2-Dichloroethene	4.489	96	30033	23.903	ug/l	87	
28) Bromochloromethane	4.897	49	22627	27.124	ug/l #	73	
29) Tetrahydrofuran	5.007	42	63038	127.801	ug/l #	83	
30) Chloroform	5.093	83	50126	23.912	ug/l	94	
31) Cyclohexane	5.471	56	23224	15.730	ug/l	86	
32) 1,1,1-Trichloroethane	5.379	97	35394	18.842	ug/l	96	
36) 1,1-Dichloropropene	5.690	75	26348	14.900	ug/l	97	
37) Ethyl Acetate	4.715	43	36291	20.091	ug/l #	90	
38) Carbon Tetrachloride	5.678	117	27001	14.056	ug/l	98	
39) Methylcyclohexane	7.379	83	25369	13.655	ug/l	89	
40) Benzene	6.037	78	99969	19.711	ug/l	95	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	20866	22.220	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	40904	20.567	ug/l		92
43) Isopropyl Acetate	6.342	43	59290	20.674	ug/l	#	89
44) Trichloroethene	7.129	130	27764	19.306	ug/l		93
45) 1,2-Dichloropropane	7.434	63	26977	21.573	ug/l		99
46) Dibromomethane	7.580	93	20829	21.143	ug/l		90
47) Bromodichloromethane	7.824	83	36319	19.248	ug/l		98
48) Methyl methacrylate	7.696	41	29010	20.742	ug/l	#	82
49) 1,4-Dioxane	7.696	88	15988	424.463	ug/l	#	86
51) 4-Methyl-2-Pentanone	8.574	43	193440	111.081	ug/l		89
52) Toluene	8.720	92	65343	19.500	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	38651	19.238	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	43084	19.844	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	31704	23.235	ug/l		98
56) Ethyl methacrylate	9.116	69	48159	22.533	ug/l	#	82
57) 1,3-Dichloropropane	9.311	76	51968	22.593	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	121383	118.346	ug/l		92
59) 2-Hexanone	9.433	43	146862	110.605	ug/l		87
60) Dibromochloromethane	9.519	129	29011	19.970	ug/l		99
61) 1,2-Dibromoethane	9.610	107	32992	22.084	ug/l		99
64) Tetrachloroethene	9.275	164	17964	13.638	ug/l		98
65) Chlorobenzene	10.079	112	72265	18.936	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	26854	19.066	ug/l		96
67) Ethyl Benzene	10.195	91	116472	17.345	ug/l		98
68) m/p-Xylenes	10.299	106	91147	35.148	ug/l		98
69) o-Xylene	10.640	106	48686	19.029	ug/l		98
70) Styrene	10.653	104	81452	19.327	ug/l		96
71) Bromoform	10.799	173	19572	18.577	ug/l	#	98
73) Isopropylbenzene	10.963	105	111084	17.500	ug/l		99
74) N-amyl acetate	10.842	43	50373	20.423	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	48754	22.806	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	39966m	21.488	ug/l		
77) Bromobenzene	11.195	156	32837	21.181	ug/l		90
78) n-propylbenzene	11.305	91	119240	16.870	ug/l		99
79) 2-Chlorotoluene	11.366	91	85253	18.874	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	97463	18.406	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11259	16.908	ug/l		97
82) 4-Chlorotoluene	11.451	91	95672	18.349	ug/l		97
83) tert-Butylbenzene	11.713	119	93695	18.553	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	102593	19.171	ug/l		97
85) sec-Butylbenzene	11.890	105	102640	17.401	ug/l		97
86) p-Isopropyltoluene	12.006	119	90801	17.882	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	54945	18.930	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	56272	18.765	ug/l		99
89) n-Butylbenzene	12.329	91	68583	16.291	ug/l		98
90) Hexachloroethane	12.536	117	14120	16.660	ug/l		92
91) 1,2-Dichlorobenzene	12.335	146	60031	21.121	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9544	19.214	ug/l		77
93) 1,2,4-Trichlorobenzene	13.585	180	32543	19.569	ug/l		98
94) Hexachlorobutadiene	13.725	225	10523	16.379	ug/l		98
95) Naphthalene	13.774	128	153670	21.095	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	34644	20.968	ug/l		97

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 Yesilyurt

09/04/2023

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

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