

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029591.D
 Acq On : 19 Jun 2022 00:21
 Operator : JC/MD
 Sample : VX0618WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD02

Quant Time: Jun 20 01:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	279341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182180	49.268	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	5.391	113	159410	48.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	8.653	98	599624	50.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	228089	50.819	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	72807	21.522	ug/l	99
3) Chloromethane	1.288	50	67482	18.517	ug/l	100
4) Vinyl Chloride	1.374	62	68060	20.284	ug/l	95
5) Bromomethane	1.612	94	35107	20.508	ug/l	99
6) Chloroethane	1.691	64	41066	17.830	ug/l	97
7) Trichlorofluoromethane	1.886	101	99390	21.262	ug/l	98
8) Diethyl Ether	2.136	74	39283	21.330	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	60755	20.727	ug/l	97
10) Methyl Iodide	2.453	142	45782	15.892	ug/l	97
11) Tert butyl alcohol	2.989	59	110084m	132.255	ug/l	
12) 1,1-Dichloroethene	2.319	96	61327	21.670	ug/l	96
13) Acrolein	2.240	56	19928	97.833	ug/l	96
14) Allyl chloride	2.666	41	91575	20.042	ug/l	96
15) Acrylonitrile	3.069	53	182829	105.709	ug/l	99
16) Acetone	2.386	43	146647	99.498	ug/l	98
17) Carbon Disulfide	2.514	76	151804	20.691	ug/l	100
18) Methyl Acetate	2.709	43	81121	20.817	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	209586	21.332	ug/l	98
20) Methylene Chloride	2.788	84	65678	20.007	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	64841	20.963	ug/l	97
22) Diisopropyl ether	3.764	45	194677	21.538	ug/l	92
23) Vinyl Acetate	3.721	43	819712	108.628	ug/l	98
24) 1,1-Dichloroethane	3.611	63	114927	21.142	ug/l	100
25) 2-Butanone	4.562	43	247324	106.162	ug/l	97
26) 2,2-Dichloropropane	4.477	77	68383	16.163	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	76189	21.084	ug/l	94
28) Bromochloromethane	4.904	49	45484	21.900	ug/l	100
29) Tetrahydrofuran	5.007	42	165116	106.347	ug/l	95
30) Chloroform	5.099	83	120860	21.009	ug/l	98
31) Cyclohexane	5.477	56	102873	20.722	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	107640	21.214	ug/l	98
36) 1,1-Dichloropropene	5.696	75	87504	19.845	ug/l	97
37) Ethyl Acetate	4.721	43	93522	20.692	ug/l	99
38) Carbon Tetrachloride	5.684	117	88398	20.387	ug/l	97
39) Methylcyclohexane	7.385	83	106964	19.457	ug/l	96
40) Benzene	6.044	78	267524	20.468	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51349	21.564	ug/l	95
42) 1,2-Dichloroethane	6.092	62	89457	19.910	ug/l	98
43) Isopropyl Acetate	6.342	43	144538	20.566	ug/l	100
44) Trichloroethene	7.129	130	73983	19.281	ug/l	94
45) 1,2-Dichloropropane	7.434	63	65378	20.395	ug/l	96
46) Dibromomethane	7.586	93	47400	20.573	ug/l	94
47) Bromodichloromethane	7.824	83	90781	20.448	ug/l	100
48) Methyl methacrylate	7.696	41	71135	20.643	ug/l	92
49) 1,4-Dioxane	7.690	88	36644	412.450	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	472949	104.405	ug/l	98
52) Toluene	8.720	92	173721	20.756	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	89751	20.005	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	100029	19.911	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	69935	20.666	ug/l	98
56) Ethyl methacrylate	9.116	69	108264	21.177	ug/l	95
57) 1,3-Dichloropropane	9.311	76	116120	20.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	225927	94.057	ug/l	96
59) 2-Hexanone	9.433	43	364101	106.144	ug/l	95
60) Dibromochloromethane	9.525	129	66645	20.285	ug/l	98
61) 1,2-Dibromoethane	9.610	107	73816	21.040	ug/l	100
64) Tetrachloroethene	9.275	164	64998	19.906	ug/l	93
65) Chlorobenzene	10.080	112	182103	20.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65012	20.437	ug/l	99
67) Ethyl Benzene	10.195	91	330012	20.707	ug/l	100
68) m/p-Xylenes	10.305	106	255293	41.075	ug/l	99
69) o-Xylene	10.640	106	125201	20.389	ug/l	97
70) Styrene	10.659	104	212464	21.132	ug/l	99
71) Bromoform	10.799	173	45971	20.382	ug/l #	99
73) Isopropylbenzene	10.964	105	329901	20.609	ug/l	98
74) N-amyl acetate	10.842	43	116629	20.978	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	106772	20.631	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96368m	20.720	ug/l	
77) Bromobenzene	11.201	156	74973	20.522	ug/l	95
78) n-propylbenzene	11.305	91	365856	20.293	ug/l	99
79) 2-Chlorotoluene	11.366	91	224184	20.082	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276859	20.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25401	18.169	ug/l	90
82) 4-Chlorotoluene	11.457	91	259916	20.417	ug/l	99
83) tert-Butylbenzene	11.720	119	270636	20.590	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	278107	20.685	ug/l	100
85) sec-Butylbenzene	11.890	105	332010	20.381	ug/l	99
86) p-Isopropyltoluene	12.012	119	276409	20.265	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	141992	20.403	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	142753	20.544	ug/l	98
89) n-Butylbenzene	12.335	91	225990	19.631	ug/l	99
90) Hexachloroethane	12.543	117	38581	19.754	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	140926	20.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22891	19.962	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	85667	20.536	ug/l	97
94) Hexachlorobutadiene	13.725	225	33669	19.713	ug/l	95
95) Naphthalene	13.780	128	322651	21.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85015	20.348	ug/l	95

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

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