

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029873.D
 Acq On : 29 Jun 2022 19:35
 Operator : JC/MD
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 23:01:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	400755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140989	50.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	5.391	113	122043	48.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.460%			
50) Toluene-d8	8.653	98	484057	51.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	11.085	95	170259	51.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45041	20.810	ug/l	98
3) Chloromethane	1.288	50	50742	20.348	ug/l	98
4) Vinyl Chloride	1.374	62	51627	20.815	ug/l	98
5) Bromomethane	1.612	94	22934	16.782	ug/l	96
6) Chloroethane	1.685	64	30087	18.576	ug/l	94
7) Trichlorofluoromethane	1.886	101	63735	20.018	ug/l	98
8) Diethyl Ether	2.136	74	27958	19.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	43130	19.377	ug/l	99
10) Methyl Iodide	2.453	142	54158	18.966	ug/l	100
11) Tert butyl alcohol	2.983	59	75865	103.254	ug/l	99
12) 1,1-Dichloroethene	2.319	96	45098	19.730	ug/l	98
13) Acrolein	2.239	56	38179	107.943	ug/l	98
14) Allyl chloride	2.666	41	80334	19.044	ug/l	100
15) Acrylonitrile	3.069	53	171853	100.189	ug/l	100
16) Acetone	2.386	43	135146	98.326	ug/l	100
17) Carbon Disulfide	2.514	76	103320	18.179	ug/l	99
18) Methyl Acetate	2.709	43	82653	19.505	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	153852	19.937	ug/l	100
20) Methylene Chloride	2.788	84	55424	19.093	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49347	19.684	ug/l	95
22) Diisopropyl ether	3.770	45	170578	20.010	ug/l	90
23) Vinyl Acetate	3.727	43	744460	100.976	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89894	19.996	ug/l	99
25) 2-Butanone	4.562	43	233157	97.734	ug/l	98
26) 2,2-Dichloropropane	4.477	77	50294	17.045	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	60578	20.465	ug/l	96
28) Bromochloromethane	4.904	49	37256	20.677	ug/l	99
29) Tetrahydrofuran	5.019	42	156017	99.377	ug/l	100
30) Chloroform	5.105	83	88723	20.126	ug/l	100
31) Cyclohexane	5.477	56	79666	20.337	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	69510	19.801	ug/l	100
36) 1,1-Dichloropropene	5.696	75	62899	18.883	ug/l	97
37) Ethyl Acetate	4.727	43	85247	18.712	ug/l	98
38) Carbon Tetrachloride	5.684	117	56883	19.708	ug/l	97
39) Methylcyclohexane	7.385	83	75206	18.673	ug/l	97
40) Benzene	6.044	78	214864	19.948	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46719	19.291	ug/l	96
42) 1,2-Dichloroethane	6.092	62	64779	19.596	ug/l	99
43) Isopropyl Acetate	6.348	43	134892	19.663	ug/l	99
44) Trichloroethene	7.129	130	53767	18.536	ug/l	99
45) 1,2-Dichloropropane	7.434	63	55597	19.539	ug/l	99
46) Dibromomethane	7.586	93	36154	19.423	ug/l	98
47) Bromodichloromethane	7.830	83	63234	18.953	ug/l	98
48) Methyl methacrylate	7.696	41	64250	19.753	ug/l	100
49) 1,4-Dioxane	7.684	88	31642	410.815	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	449536	99.373	ug/l	99
52) Toluene	8.720	92	129999	20.001	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	66432	18.685	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	76971	19.158	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	55686	19.665	ug/l	97
56) Ethyl methacrylate	9.122	69	89945	20.146	ug/l	98
57) 1,3-Dichloropropane	9.311	76	89722	19.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	207125	97.225	ug/l	98
59) 2-Hexanone	9.433	43	342598	97.588	ug/l	100
60) Dibromochloromethane	9.525	129	46980	18.778	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56706	19.596	ug/l	97
64) Tetrachloroethene	9.275	164	44283	20.727	ug/l	98
65) Chlorobenzene	10.079	112	139068	19.559	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46003	19.364	ug/l	98
67) Ethyl Benzene	10.195	91	240350	19.435	ug/l	99
68) m/p-Xylenes	10.305	106	188697	39.783	ug/l	99
69) o-Xylene	10.646	106	93991	19.564	ug/l	99
70) Styrene	10.659	104	154552	19.462	ug/l	99
71) Bromoform	10.799	173	30504	18.001	ug/l #	97
73) Isopropylbenzene	10.963	105	229236	18.924	ug/l	99
74) N-amyl acetate	10.848	43	113455	18.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	90824	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71846m	17.928	ug/l	
77) Bromobenzene	11.201	156	57230	19.642	ug/l	99
78) n-propylbenzene	11.305	91	271227	18.985	ug/l	99
79) 2-Chlorotoluene	11.366	91	165713	19.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	189837	18.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22178	17.575	ug/l	92
82) 4-Chlorotoluene	11.457	91	183506	18.963	ug/l	99
83) tert-Butylbenzene	11.719	119	192650	19.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	192123	19.072	ug/l	100
85) sec-Butylbenzene	11.890	105	241945	19.265	ug/l	99
86) p-Isopropyltoluene	12.012	119	193081	19.262	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103906	18.574	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	107292	18.797	ug/l	100
89) n-Butylbenzene	12.335	91	168827	17.918	ug/l	99
90) Hexachloroethane	12.542	117	28628	17.508	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	108162	19.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20587	20.659	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	61066	18.336	ug/l	97
94) Hexachlorobutadiene	13.725	225	19915	16.165	ug/l	97
95) Naphthalene	13.774	128	269062	19.899	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63038	18.489	ug/l	99

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

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