

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054333.D
 Acq On : 31 May 2023 13:04
 Operator : JC/MD
 Sample : VU0531WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Quant Time: Jun 01 05:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

06/01/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	215868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	351758	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	342210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	182673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	150041	53.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.040%	
35) Dibromofluoromethane	5.282	113	119238	52.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	7.893	98	451940	52.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	10.629	95	169670	50.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	50733	21.053	ug/l	99
3) Chloromethane	1.520	50	66640	21.119	ug/l	96
4) Vinyl Chloride	1.604	62	66564	22.110	ug/l	98
5) Bromomethane	1.855	94	34087	20.453	ug/l	97
6) Chloroethane	1.929	64	29707	20.461	ug/l	99
7) Trichlorofluoromethane	2.131	101	81501	19.677	ug/l	98
8) Diethyl Ether	2.372	74	34300	22.369	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	45968	20.498	ug/l	97
10) Methyl Iodide	2.716	142	53125	21.185	ug/l	96
11) Tert butyl alcohol	3.250	59	83643m	109.424	ug/l	
12) 1,1-Dichloroethene	2.575	96	46264	19.924	ug/l	93
13) Acrolein	2.485	56	70261	88.356	ug/l	99
14) Allyl chloride	2.919	41	87204	21.660	ug/l	88
15) Acrylonitrile	3.311	53	191460	111.715	ug/l	98
16) Acetone	2.633	43	168098	103.632	ug/l	97
17) Carbon Disulfide	2.787	76	131614	19.179	ug/l	99
18) Methyl Acetate	2.945	43	132724	22.410	ug/l	95
19) Methyl tert-butyl Ether	3.356	73	159440	20.977	ug/l	95
20) Methylene Chloride	3.041	84	59890	20.466	ug/l	93
21) trans-1,2-Dichloroethene	3.347	96	51247	20.615	ug/l	95
22) Diisopropyl ether	3.983	45	161192	22.589	ug/l	88
23) Vinyl Acetate	3.948	43	580453	111.478	ug/l	98
24) 1,1-Dichloroethane	3.861	63	96744	21.173	ug/l	98
25) 2-Butanone	4.700	43	240990	112.212	ug/l	96
26) 2,2-Dichloropropane	4.658	77	81700	20.461	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	58540	21.168	ug/l	94
28) Bromochloromethane	4.967	49	45226	21.390	ug/l	82
29) Tetrahydrofuran	5.051	42	154954	114.785	ug/l	91
30) Chloroform	5.080	83	96807	20.843	ug/l	97
31) Cyclohexane	5.382	56	82705	20.698	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	83443	20.693	ug/l	98
36) 1,1-Dichloropropene	5.520	75	69667	19.581	ug/l	97
37) Ethyl Acetate	4.800	43	91436	21.087	ug/l	96
38) Carbon Tetrachloride	5.520	117	70277	19.298	ug/l	98
39) Methylcyclohexane	6.758	83	76796	19.056	ug/l	89
40) Benzene	5.768	78	214369	21.123	ug/l	100

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41) Methacrylonitrile	4.967	41	44512	22.211	ug/l	93
42) 1,2-Dichloroethane	5.787	62	73879	20.039	ug/l	99
43) Isopropyl Acetate	5.906	43	127417	21.304	ug/l	98
44) Trichloroethene	6.536	130	54579	19.239	ug/l	93
45) 1,2-Dichloropropane	6.784	63	55323	20.896	ug/l	99
46) Dibromomethane	6.912	93	40293	20.676	ug/l	95
47) Bromodichloromethane	7.099	83	75405	20.690	ug/l	94
48) Methyl methacrylate	6.954	41	57266	21.590	ug/l	91
49) 1,4-Dioxane	7.002	88	33199	433.558	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	443955	111.228	ug/l	98
52) Toluene	7.964	92	132594	20.490	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	87300	20.937	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	89103	20.477	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	55725	20.779	ug/l	98
56) Ethyl methacrylate	8.327	69	82160	20.581	ug/l	93
57) 1,3-Dichloropropane	8.572	76	96972	20.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	16887	65.980	ug/l	100
59) 2-Hexanone	8.681	43	348560	110.549	ug/l	98
60) Dibromochloromethane	8.803	129	56969	20.909	ug/l	99
61) 1,2-Dibromoethane	8.919	107	61558	21.091	ug/l	99
64) Tetrachloroethene	8.549	164	51013	19.807	ug/l	97
65) Chlorobenzene	9.443	112	144521	20.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.530	131	52725	20.315	ug/l	98
67) Ethyl Benzene	9.565	91	243958	19.946	ug/l	97
68) m/p-Xylenes	9.687	106	189067	40.781	ug/l	94
69) o-Xylene	10.096	106	91385	20.363	ug/l	91
70) Styrene	10.108	104	152401	20.477	ug/l	98
71) Bromoform	10.285	173	45103	19.999	ug/l #	99
73) Isopropylbenzene	10.478	105	237421	20.986	ug/l	96
74) N-amyl acetate	10.314	43	105288	21.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	100452	21.944	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	112471	21.096	ug/l	100
77) Bromobenzene	10.777	156	64833	20.869	ug/l	91
78) n-propylbenzene	10.899	91	288596	20.824	ug/l	98
79) 2-Chlorotoluene	10.980	91	179167	21.354	ug/l	93
80) 1,3,5-Trimethylbenzene	11.083	105	201955	20.991	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	28808	20.576	ug/l	97
82) 4-Chlorotoluene	11.092	91	204320	20.755	ug/l	97
83) tert-Butylbenzene	11.414	119	195693	20.341	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	200618	20.960	ug/l	97
85) sec-Butylbenzene	11.639	105	253937	20.802	ug/l	98
86) p-Isopropyltoluene	11.787	119	205131	19.978	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	120337	20.005	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	123527	19.657	ug/l	98
89) n-Butylbenzene	12.205	91	181320	18.760	ug/l	97
90) Hexachloroethane	12.468	117	36751	20.232	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	119472	20.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.993	75	22965	21.997	ug/l	87
93) 1,2,4-Trichlorobenzene	13.835	180	78987	19.824	ug/l	99
94) Hexachlorobutadiene	14.015	225	37469	19.747	ug/l	100
95) Naphthalene	14.079	128	258858	20.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.324	180	81480	20.336	ug/l	97

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

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