

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054374.D
 Acq On : 01 Jun 2023 06:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 01 06:45:39 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

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	197966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	356295	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	345774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	184545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	150526	58.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.000%			
35) Dibromofluoromethane	5.282	113	122784	53.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	7.893	98	453711	51.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.980%			
62) 4-Bromofluorobenzene	10.626	95	168465	49.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	121803	55.115	ug/l	98
3) Chloromethane	1.520	50	165994	57.364	ug/l	97
4) Vinyl Chloride	1.604	62	165623	59.987	ug/l	100
5) Bromomethane	1.851	94	68159	44.596	ug/l	97
6) Chloroethane	1.925	64	97596	73.299	ug/l	98
7) Trichlorofluoromethane	2.131	101	207712	54.684	ug/l	98
8) Diethyl Ether	2.372	74	87076	61.924	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	109467	53.228	ug/l	96
10) Methyl Iodide	2.719	142	142212	57.366	ug/l	96
11) Tert butyl alcohol	3.195	59	199769m	284.978	ug/l	
12) 1,1-Dichloroethene	2.575	96	117447	55.155	ug/l	95
14) Allyl chloride	2.919	41	157514	42.662	ug/l #	82
15) Acrylonitrile	3.308	53	470902	299.614	ug/l	99
16) Acetone	2.626	43	404621	272.004	ug/l	100
17) Carbon Disulfide	2.790	76	321942	51.157	ug/l	99
18) Methyl Acetate	2.944	43	416814	76.740	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	411634	59.055	ug/l	97
20) Methylene Chloride	3.041	84	155076	57.785	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	126259	55.382	ug/l	96
22) Diisopropyl ether	3.983	45	412076	62.971	ug/l #	72
23) Vinyl Acetate	3.948	43	1054254	220.782	ug/l	98
24) 1,1-Dichloroethane	3.861	63	250402	59.758	ug/l	99
25) 2-Butanone	4.694	43	590014	299.572	ug/l	97
26) 2,2-Dichloropropane	4.658	77	7698	2.102	ug/l #	1
27) cis-1,2-Dichloroethene	4.661	96	149699	59.027	ug/l	92
28) Bromochloromethane	4.964	49	120108	61.942	ug/l	85
29) Tetrahydrofuran	5.044	42	389810	314.871	ug/l	92
30) Chloroform	5.083	83	248679	58.382	ug/l	99
31) Cyclohexane	5.382	56	204547	55.820	ug/l	94
32) 1,1,1-Trichloroethane	5.308	97	209763	56.724	ug/l	99
36) 1,1-Dichloropropene	5.520	75	171024	47.456	ug/l	98
37) Ethyl Acetate	4.796	43	216500	49.293	ug/l #	95
38) Carbon Tetrachloride	5.517	117	179897	48.770	ug/l	99
39) Methylcyclohexane	6.758	83	185230	45.378	ug/l	89
40) Benzene	5.767	78	553746	53.869	ug/l	99
41) Methacrylonitrile	4.964	41	115353	56.828	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.787	62	190572	51.034	ug/l	97
43) Isopropyl Acetate	5.902	43	315933	52.150	ug/l	98
44) Trichloroethene	6.536	130	137600	47.886	ug/l	95
45) 1,2-Dichloropropane	6.783	63	146389	54.589	ug/l	97
46) Dibromomethane	6.912	93	103111	52.236	ug/l	95
47) Bromodichloromethane	7.099	83	195162	52.867	ug/l	100
48) Methyl methacrylate	6.954	41	154448	57.488	ug/l	92
49) 1,4-Dioxane	6.983	88	89217	1150.280	ug/l #	1
51) 4-Methyl-2-Pentanone	7.783	43	1116366	276.133	ug/l	99
52) Toluene	7.963	92	336188	51.291	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	132029	31.261	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	140541	31.886	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	144179	53.078	ug/l	98
56) Ethyl methacrylate	8.327	69	215923	53.401	ug/l	95
57) 1,3-Dichloropropane	8.568	76	248767	53.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.455	63	106127	409.373	ug/l	99
59) 2-Hexanone	8.680	43	819740	256.677	ug/l	100
60) Dibromochloromethane	8.803	129	144830	52.478	ug/l	98
61) 1,2-Dibromoethane	8.918	107	158053	53.463	ug/l	100
64) Tetrachloroethene	8.549	164	146461	56.280	ug/l	97
65) Chlorobenzene	9.443	112	360216	49.832	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.526	131	137044	52.260	ug/l	96
67) Ethyl Benzene	9.565	91	634564	51.347	ug/l	97
68) m/p-Xylenes	9.687	106	485768	103.699	ug/l	93
69) o-Xylene	10.095	106	237991	52.483	ug/l	92
70) Styrene	10.108	104	407016	54.124	ug/l	98
71) Bromoform	10.285	173	118060	51.808	ug/l #	96
73) Isopropylbenzene	10.478	105	614869	53.798	ug/l	97
74) N-amyl acetate	10.314	43	219189	45.166	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	253496	54.814	ug/l	99
76) 1,2,3-Trichloropropane	10.815	75	235213	43.670	ug/l	97
77) Bromobenzene	10.777	156	161710	51.524	ug/l	90
78) n-propylbenzene	10.899	91	725214	51.799	ug/l	98
79) 2-Chlorotoluene	10.979	91	450370	53.132	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	526509	54.170	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.539	75	24916	17.615	ug/l	97
82) 4-Chlorotoluene	11.089	91	514046	51.686	ug/l	96
83) tert-Butylbenzene	11.413	119	485934	49.997	ug/l	91
84) 1,2,4-Trimethylbenzene	11.462	105	519198	53.693	ug/l	98
85) sec-Butylbenzene	11.639	105	639479	51.852	ug/l	99
86) p-Isopropyltoluene	11.786	119	522806	50.401	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	299915	49.353	ug/l	99
88) 1,4-Dichlorobenzene	11.831	146	299259	47.138	ug/l	97
89) n-Butylbenzene	12.201	91	435354	44.587	ug/l	98
90) Hexachloroethane	12.468	117	98348	53.594	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	306056	51.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.989	75	58028	55.019	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	195637	46.218	ug/l	98
94) Hexachlorobutadiene	14.015	225	86276	43.958	ug/l	98
95) Naphthalene	14.079	128	687820	50.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	206296	49.075	ug/l	98

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

