

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054705.D
 Acq On : 29 Jun 2023 19:14
 Operator : MD/SY
 Sample : 03477-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA42MSD

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 05:20:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	295943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	292097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	150118	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.599	65	84850	4.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.911	69	76320	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	37033	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.637	46	297362	56.155	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.320%
24) Chloroform-d	5.059	84	181137	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	87981	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	319760	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.689	67	110353	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	288052	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	42279	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	216402	54.701	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94305	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	104776	4.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.383	85	104260	3.770	ug/L	99
3) Chloromethane	1.522	50	131017	4.124	ug/L	100
5) Vinyl chloride	1.602	62	142206	4.361	ug/L	99
6) Bromomethane	1.856	94	74806	4.173	ug/L	95
8) Chloroethane	1.933	64	93035	4.760	ug/L	95
9) Trichlorofluoromethane	2.136	101	188454	4.701	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119207	5.084	ug/L	96
12) 1,1-Dichloroethene	2.573	96	3223808	150.190	ug/L #	85
13) Acetone	2.650	43	269128	53.903	ug/L	100
14) Carbon disulfide	2.789	76	238406	3.745	ug/L	99
15) Methyl Acetate	2.956	43	56062	6.059	ug/L	94
16) Methylene chloride	3.043	84	121271	4.018	ug/L	91
17) Methyl tert-butyl Ether	3.361	73	283639	5.354	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	101231	4.568	ug/L	93
19) 1,1-Dichloroethane	3.862	63	307320	6.701	ug/L	100
21) 2-Butanone	4.715	43	400076	61.742	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	227676	9.021	ug/L	97
23) Bromochloromethane	4.968	128	52464	4.996	ug/L	96
25) Chloroform	5.081	83	451865	9.994	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	146297	5.520	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	608962	15.374	ug/L	98
30) Cyclohexane	5.383	56	179623	4.164	ug/L	99
31) Carbon tetrachloride	5.522	117	290350	8.507	ug/L	99
33) Benzene	5.769	78	530664	5.055	ug/L	100
34) Trichloroethene	6.541	95	10904561	392.819	ug/L	94
35) Methylcyclohexane	6.759	83	178731	4.260	ug/L	98
37) 1,2-Dichloropropane	6.785	63	141192	4.974	ug/L	99
38) Bromodichloromethane	7.100	83	170309	5.301	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	190499	4.916	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	903314	59.635	ug/L	98
42) Toluene	7.965	91	511981	4.736	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	157809	5.018	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	105584	5.847	ug/L	99
47) Tetrachloroethene	8.550	164	29430525m	1385.012	ug/L	
48) 2-Hexanone	8.682	43	677468	60.025	ug/L	99
49) Dibromochloromethane	8.808	129	108368m	5.716	ug/L	
50) 1,2-Dibromoethane	8.920	107	87118	5.255	ug/L #	99
51) Chlorobenzene	9.444	112	320753	4.760	ug/L	98
52) Ethylbenzene	9.566	91	553229	4.686	ug/L	99
53) m,p-Xylene	9.692	106	202912	4.678	ug/L	99
54) o-Xylene	10.097	106	202384	4.825	ug/L	98
55) Styrene	10.110	104	352235	5.003	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	127608	5.564	ug/L	98
59) Bromoform	10.287	173	66116	6.135	ug/L	98
60) Isopropylbenzene	10.480	105	545888	4.971	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	86150	5.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	431454	4.815	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	440444	4.840	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	281910	5.492	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	285914	5.550	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	263041	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	21910	6.572	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	191579	4.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	165491	5.167	ug/L	100
71) Naphthalene	14.081	128	279351	5.364	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	148653	5.403	ug/L	97

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

Manual Integrations

06/30/2023
Supervised By :Mahesh
Dadoda

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