Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
Data File : VD076437.D
Acq On : 15 Jun 2023 13:50
Operator : KP/SY
Sample : VSTDICV025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VICV157

Quant Time: Jun 16 01:42:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:37:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	263003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	235609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.521	152	115814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	152421	23.798	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.200%			
7) Chloroethane-d5	2.793	69	124706	24.080	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.320%			
11) 1,1-Dichloroethene-d2	3.910	65	37761	22.586	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.360%			
21) 2-Butanone-d5	6.987	46	51057	52.636	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.280%			
24) Chloroform-d	7.563	84	168760	24.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	8.228	65	86042	25.171	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.680%			
32) Benzene-d6	8.198	84	357580	24.810	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.240%			
36) 1,2-Dichloropropane-d6	9.210	67	114594	24.909	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.640%			
41) Toluene-d8	10.269	98	325939	24.424	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.680%			
43) trans-1,3-Dichloroprop...	10.528	79	49467	25.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.400%			
47) 2-Hexanone-d5	10.875	63	36921	51.701	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.400%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84128	25.704	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.800%			
66) 1,2-Dichlorobenzene-d4	13.816	152	105243	24.792	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	101576	24.785	ug/L	99
3) Chloromethane	2.146	50	173221	25.426	ug/L	98
5) Vinyl chloride	2.281	62	181718	24.725	ug/L	93
6) Bromomethane	2.687	94	99205	24.370	ug/L	96
8) Chloroethane	2.834	64	110571	24.561	ug/L	99
9) Trichlorofluoromethane	3.169	101	130668	24.589	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	82820	24.027	ug/L	98
12) 1,1-Dichloroethene	3.934	96	81332	23.828	ug/L	98
13) Acetone	4.016	43	38579	49.242	ug/L	99
14) Carbon disulfide	4.269	76	301801	24.392	ug/L	99
15) Methyl Acetate	4.569	43	45642	25.520	ug/L	98
16) Methylene chloride	4.798	84	100873	22.067	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	94053	24.715	ug/L	96
18) Methyl tert-butyl Ether	5.310	73	214792	24.792	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	173278	24.906	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	103417	24.334	ug/L	99
22) 2-Butanone	7.081	43	61192	48.398	ug/L	98
23) Bromochloromethane	7.428	128	45725	25.350	ug/L	91
25) Chloroform	7.592	83	169143	24.911	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:37:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	101617	24.336	ug/L		97
29) Cyclohexane	7.875	56	150827	24.073	ug/L		98
30) 1,1,1-Trichloroethane	7.792	97	136337	24.909	ug/L		98
31) Carbon tetrachloride	7.992	117	109001	24.901	ug/L		99
33) Benzene	8.245	78	384874	24.682	ug/L		100
34) Trichloroethene	9.028	95	97077	24.235	ug/L		98
35) Methylcyclohexane	9.275	83	161766	25.043	ug/L		99
37) 1,2-Dichloropropane	9.304	63	104943	24.685	ug/L		100
38) Bromodichloromethane	9.581	83	120574	24.866	ug/L		98
39) cis-1,3-Dichloropropene	10.016	75	162844	25.085	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	133867	50.617	ug/L		99
42) Toluene	10.333	91	409108	24.551	ug/L		100
44) trans-1,3-Dichloropropene	10.557	75	133074	25.220	ug/L		98
45) 1,1,2-Trichloroethane	10.733	97	72897	24.999	ug/L		98
46) Tetrachloroethene	10.810	164	74374	23.618	ug/L		90
48) 2-Hexanone	10.922	43	96241	53.134	ug/L		98
49) Dibromochloromethane	11.075	129	83406	25.169	ug/L		100
50) 1,2-Dibromoethane	11.180	107	69576	24.583	ug/L		87
51) Chlorobenzene	11.610	112	255530	24.562	ug/L		97
52) Ethylbenzene	11.686	91	447033	24.889	ug/L		100
53) m,p-Xylene	11.792	106	172587	24.451	ug/L		89
54) o-Xylene	12.122	106	167033	24.853	ug/L		99
55) Styrene	12.133	104	289931	24.970	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.674	83	83715	25.120	ug/L		98
59) Bromoform	12.298	173	52122	25.140	ug/L	#	98
60) Isopropylbenzene	12.422	105	436184	24.623	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	55002	24.471	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	345769	24.397	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	341780	24.438	ug/L		100
64) 1,3-Dichlorobenzene	13.463	146	191470	24.296	ug/L		100
65) 1,4-Dichlorobenzene	13.539	146	192159	24.189	ug/L		95
67) 1,2-Dichlorobenzene	13.833	146	170859	24.337	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12002	23.961	ug/L		91
69) 1,3,5-Trichlorobenzene	14.598	180	131751	25.064	ug/L		97
70) 1,2,4-trichlorobenzene	15.098	180	113836	24.339	ug/L		100
71) Naphthalene	15.333	128	224746	25.098	ug/L		100
72) 1,2,3-Trichlorobenzene	15.527	180	99527	24.505	ug/L		99

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

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