Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
Data File : VD076014.D
Acq On : 04 May 2023 19:58
Operator : KP/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025149

Quant Time: May 05 00:52:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	349318	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	325527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	169899	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	155742	20.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.280%			
7) Chloroethane-d5	2.799	69	142700	21.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	3.916	65	37681	21.328	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.320%			
21) 2-Butanone-d5	6.993	46	42948	64.559	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.120%			
24) Chloroform-d	7.569	84	211369	24.197	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.800%			
26) 1,2-Dichloroethane-d4	8.234	65	95202	25.521	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.080%			
32) Benzene-d6	8.199	84	437149	23.040	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.160%			
36) 1,2-Dichloropropane-d6	9.210	67	130021	24.758	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.040%			
41) Toluene-d8	10.269	98	404128	22.752	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	10.522	79	50955	23.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.880%			
47) 2-Hexanone-d5	10.881	63	38004	60.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.200%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114130	28.400	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.600%			
66) 1,2-Dichlorobenzene-d4	13.816	152	135749	22.589	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	136055	28.253	ug/L	97
3) Chloromethane	2.146	50	208825	31.107	ug/L	99
5) Vinyl chloride	2.281	62	248342	28.305	ug/L	100
6) Bromomethane	2.687	94	127936	21.701	ug/L	98
8) Chloroethane	2.834	64	159276	28.070	ug/L	98
9) Trichlorofluoromethane	3.169	101	193456	27.442	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	136895	28.905	ug/L	96
12) 1,1-Dichloroethene	3.940	96	123918	26.980	ug/L #	81
13) Acetone	4.016	43	34806	61.138	ug/L	96
14) Carbon disulfide	4.263	76	415140	25.878	ug/L	97
15) Methyl Acetate	4.558	43	42289	34.275	ug/L #	59
16) Methylene chloride	4.799	84	154438	21.794	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	135056	26.224	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	240232	29.080	ug/L	97
19) 1,1-Dichloroethane	6.105	63	220860	29.274	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	148839	27.332	ug/L	96
22) 2-Butanone	7.081	43	51998	70.060	ug/L	94
23) Bromochloromethane	7.422	128	73094	28.942	ug/L	93
25) Chloroform	7.593	83	234064	27.681	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	131382	30.102	ug/L	100
29) Cyclohexane	7.875	56	168899	30.308	ug/L	91
30) 1,1,1-Trichloroethane	7.793	97	187568	27.234	ug/L	98
31) Carbon tetrachloride	7.987	117	154837	28.021	ug/L	98
33) Benzene	8.252	78	541447	27.498	ug/L	100
34) Trichloroethene	9.028	95	132375	25.996	ug/L	95
35) Methylcyclohexane	9.275	83	222465	28.336	ug/L	97
37) 1,2-Dichloropropane	9.304	63	136352	30.146	ug/L	98
38) Bromodichloromethane	9.587	83	174015	28.533	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	195497	27.177	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	113319	68.715	ug/L	99
42) Toluene	10.334	91	600738	28.192	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	167467	28.980	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	109876	28.554	ug/L	93
46) Tetrachloroethene	10.810	164	117062	28.028	ug/L	93
48) 2-Hexanone	10.922	43	83693	71.988	ug/L	92
49) Dibromochloromethane	11.075	129	118077	28.187	ug/L	93
50) 1,2-Dibromoethane	11.181	107	99360	28.640	ug/L	98
51) Chlorobenzene	11.610	112	381204	27.346	ug/L	98
52) Ethylbenzene	11.687	91	611158	27.970	ug/L	100
53) m,p-Xylene	11.793	106	244594	28.112	ug/L	96
54) o-Xylene	12.122	106	233858	28.298	ug/L	98
55) Styrene	12.134	104	420771	29.254	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	120548	30.789	ug/L	99
59) Bromoform	12.298	173	70266	26.985	ug/L	99
60) Isopropylbenzene	12.422	105	592486	26.300	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	77595	29.073	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	454830	27.075	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	438731	27.093	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	283930	26.341	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	296998	26.253	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	256730	26.671	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	15169	28.430	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	172521	23.879	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	138675	23.162	ug/L	98
71) Naphthalene	15.333	128	283271	25.854	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	134863	25.234	ug/L	99

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

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