Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052824\
Data File : VD079039.D
Acq On : 28 May 2024 08:56
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025255

Quant Time: May 29 01:32:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	215421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	214876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	113453	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	137587	26.054	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.200%			
7) Chloroethane-d5	2.805	69	143070	25.309	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.240%			
11) 1,1-Dichloroethene-d2	3.922	65	26080	25.318	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.280%			
21) 2-Butanone-d5	6.987	46	26400	35.319	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.640%			
24) Chloroform-d	7.563	84	136137	21.228	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.920%			
26) 1,2-Dichloroethane-d4	8.228	65	68484	22.487	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.960%			
32) Benzene-d6	8.199	84	289060	26.365	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.440%			
36) 1,2-Dichloropropane-d6	9.210	67	79944	23.930	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.720%			
41) Toluene-d8	10.269	98	272935	27.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.040%			
43) trans-1,3-Dichloroprop...	10.528	79	36883	23.968	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.880%			
47) 2-Hexanone-d5	10.875	63	23325	34.838	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.680%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76533	20.139	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.560%			
66) 1,2-Dichlorobenzene-d4	13.816	152	93594	24.305	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	84669	19.644	ug/L	98
3) Chloromethane	2.152	50	99873	18.884	ug/L	90
5) Vinyl chloride	2.287	62	164336	18.991	ug/L	98
6) Bromomethane	2.699	94	117626	19.009	ug/L	93
8) Chloroethane	2.840	64	141622	21.192	ug/L	99
9) Trichlorofluoromethane	3.175	101	168171	24.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	104290	24.379	ug/L	96
12) 1,1-Dichloroethene	3.946	96	80742	21.677	ug/L	86
13) Acetone	4.022	43	37098	41.086	ug/L	98
14) Carbon disulfide	4.275	76	180608	16.733	ug/L	99
15) Methyl Acetate	4.564	43	32666	22.266	ug/L #	83
16) Methylene chloride	4.799	84	100766	19.747	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	89588	23.622	ug/L	94
18) Methyl tert-butyl Ether	5.311	73	198262	24.536	ug/L	98
19) 1,1-Dichloroethane	6.111	63	159964	25.111	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	108190	25.009	ug/L	96
22) 2-Butanone	7.081	43	44961	43.310	ug/L	93
23) Bromochloromethane	7.422	128	53085	24.559	ug/L	97
25) Chloroform	7.593	83	200947	26.244	ug/L	94

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Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	108952	24.568	ug/L	98
29) Cyclohexane	7.881	56	100773	24.402	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	159246	26.787	ug/L	97
31) Carbon tetrachloride	7.993	117	144064	26.318	ug/L	98
33) Benzene	8.252	78	390218	26.493	ug/L	100
34) Trichloroethene	9.028	95	98331	25.913	ug/L	99
35) Methylcyclohexane	9.275	83	144666	25.358	ug/L	100
37) 1,2-Dichloropropane	9.304	63	104660	28.039	ug/L	100
38) Bromodichloromethane	9.587	83	143357	27.160	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	158043	26.990	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	97940	51.946	ug/L	99
42) Toluene	10.334	91	446906	27.598	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	137912	26.641	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	90928	26.640	ug/L	92
46) Tetrachloroethene	10.810	164	81457	24.950	ug/L	93
48) 2-Hexanone	10.922	43	74187	50.757	ug/L	96
49) Dibromochloromethane	11.069	129	111199	26.797	ug/L	98
50) 1,2-Dibromoethane	11.181	107	80459	24.955	ug/L	98
51) Chlorobenzene	11.604	112	301567	26.360	ug/L	99
52) Ethylbenzene	11.681	91	488984	27.978	ug/L	98
53) m,p-Xylene	11.793	106	193706	27.705	ug/L	96
54) o-Xylene	12.122	106	191547	28.128	ug/L	95
55) Styrene	12.134	104	360486	29.956	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	105526	25.491	ug/L	99
59) Bromoform	12.298	173	69635	27.119	ug/L	97
60) Isopropylbenzene	12.422	105	508822	30.336	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	69078	26.562	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	395594	31.908	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	394040	31.277	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	238696	29.302	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	249961	28.461	ug/L	92
67) 1,2-Dichlorobenzene	13.828	146	220741	28.631	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	14471	26.713	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	156445	29.570	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	129562	28.928	ug/L	99
71) Naphthalene	15.334	128	258375	28.274	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	121147	28.939	ug/L	99

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

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