Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
Data File : VD079918.D
Acq On : 27 Sep 2024 12:48
Operator : RP/MD
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025919

Quant Time: Sep 27 23:31:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 27 01:31:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	133213	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	129850	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65354	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	107353	18.533	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.120%			
7) Chloroethane-d5	2.799	69	101839	22.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.840%			
11) 1,1-Dichloroethene-d2	3.916	65	20808	19.785	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.120%			
21) 2-Butanone-d5	6.981	46	30155	56.030	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.060%			
24) Chloroform-d	7.569	84	106677	24.361	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.440%			
26) 1,2-Dichloroethane-d4	8.228	65	57696	25.197	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	8.204	84	209804	22.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.560%			
36) 1,2-Dichloropropane-d6	9.210	67	66624	23.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.920%			
41) Toluene-d8	10.269	98	189851	23.535	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.120%			
43) trans-1,3-Dichloroprop...	10.522	79	27565	22.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.360%			
47) 2-Hexanone-d5	10.875	63	26774	58.499	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.000%			
56) 1,1,2,2-Tetrachloroeth...	12.645	84	57357	27.800	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.200%			
66) 1,2-Dichlorobenzene-d4	13.816	152	59824	24.273	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	55119	21.699	ug/L	96
3) Chloromethane	2.146	50	96160	21.596	ug/L	100
5) Vinyl chloride	2.281	62	132199	24.228	ug/L	99
6) Bromomethane	2.693	94	76482	27.838	ug/L	93
8) Chloroethane	2.840	64	90062	24.983	ug/L	100
9) Trichlorofluoromethane	3.175	101	95812	24.422	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	54476	25.086	ug/L	98
12) 1,1-Dichloroethene	3.940	96	45789	22.639	ug/L	94
13) Acetone	4.022	43	38284	58.346	ug/L	88
14) Carbon disulfide	4.275	76	131293	19.956	ug/L	96
15) Methyl Acetate	4.569	43	26648	25.496	ug/L	98
16) Methylene chloride	4.799	84	59290	22.525	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	52067	24.143	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	127165	26.211	ug/L	98
19) 1,1-Dichloroethane	6.110	63	107727	25.148	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	59477	25.047	ug/L	94
22) 2-Butanone	7.087	43	41731	54.217	ug/L	94
23) Bromochloromethane	7.422	128	24488	24.298	ug/L	91
25) Chloroform	7.599	83	115326	25.863	ug/L	97

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Quant Title : SFAM01.0
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.328	62	69812	25.615	ug/L		100
29)	Cyclohexane	7.881	56	78477	24.434	ug/L		98
30)	1,1,1-Trichloroethane	7.793	97	92527	26.141	ug/L		99
31)	Carbon tetrachloride	7.993	117	83988	26.782	ug/L		100
33)	Benzene	8.251	78	241481	24.975	ug/L		100
34)	Trichloroethene	9.028	95	56612	25.339	ug/L		97
35)	Methylcyclohexane	9.275	83	90455	25.089	ug/L		99
37)	1,2-Dichloropropane	9.304	63	68831	26.103	ug/L	#	100
38)	Bromodichloromethane	9.587	83	80602	26.233	ug/L		98
39)	cis-1,3-Dichloropropene	10.016	75	97218	26.255	ug/L		87
40)	4-Methyl-2-pentanone	10.157	43	76644	55.527	ug/L		98
42)	Toluene	10.334	91	264884	26.008	ug/L		98
44)	trans-1,3-Dichloropropene	10.551	75	87602	26.845	ug/L		100
45)	1,1,2-Trichloroethane	10.734	97	47512	26.373	ug/L		97
46)	Tetrachloroethene	10.810	164	40073	26.420	ug/L		98
48)	2-Hexanone	10.922	43	63570	56.619	ug/L		99
49)	Dibromochloromethane	11.075	129	52258	26.576	ug/L		97
50)	1,2-Dibromoethane	11.181	107	39513	25.394	ug/L		98
51)	Chlorobenzene	11.604	112	158162	25.877	ug/L		98
52)	Ethylbenzene	11.681	91	284143	26.558	ug/L		99
53)	m,p-Xylene	11.792	106	107648	26.564	ug/L		89
54)	o-Xylene	12.122	106	104680	26.345	ug/L		96
55)	Styrene	12.134	104	191256	27.388	ug/L		99
57)	1,1,2,2-Tetrachloroethane	12.675	83	56999	26.992	ug/L		99
59)	Bromoform	12.298	173	28985	25.692	ug/L	#	36
60)	Isopropylbenzene	12.422	105	289115	25.623	ug/L		99
61)	1,2,3-Trichloropropane	12.722	75	39682	24.702	ug/L		97
62)	1,3,5-Trimethylbenzene	12.904	105	223162	27.044	ug/L		99
63)	1,2,4-Trimethylbenzene	13.210	105	225233	26.027	ug/L		99
64)	1,3-Dichlorobenzene	13.457	146	118631	25.441	ug/L		97
65)	1,4-Dichlorobenzene	13.534	146	124545	25.465	ug/L		97
67)	1,2-Dichlorobenzene	13.828	146	109598	26.005	ug/L		95
68)	1,2-Dibromo-3-chloropr...	14.445	75	8518	25.915	ug/L	#	87
69)	1,3,5-Trichlorobenzene	14.592	180	72449	25.624	ug/L		97
70)	1,2,4-trichlorobenzene	15.098	180	60097	25.246	ug/L		98
71)	Naphthalene	15.328	128	133341	25.079	ug/L		99
72)	1,2,3-Trichlorobenzene	15.522	180	56416	26.495	ug/L		99

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

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