Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120524\
Data File : VD080111.D
Acq On : 05 Dec 2024 18:18
Operator : RP/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025927

Quant Time: Dec 06 01:29:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 01:10:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	253912	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	246173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	131249	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	123535	27.312	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.240%			
7) Chloroethane-d5	2.793	69	102590	29.086	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.360%			
11) 1,1-Dichloroethene-d2	3.911	65	41001	25.272	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.080%			
21) 2-Butanone-d5	6.987	46	43675	57.448	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.900%			
24) Chloroform-d	7.569	84	200487	29.015	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.040%			
26) 1,2-Dichloroethane-d4	8.234	65	111911	30.789	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 123.160%			
32) Benzene-d6	8.204	84	419240	29.568	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 118.280%			
36) 1,2-Dichloropropane-d6	9.210	67	130165	29.213	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.840%			
41) Toluene-d8	10.269	98	401345	30.381	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.520%			
43) trans-1,3-Dichloroprop...	10.528	79	57659	30.581	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.320%			
47) 2-Hexanone-d5	10.875	63	39612	61.640	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.280%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114566	31.891	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.560%#			
66) 1,2-Dichlorobenzene-d4	13.816	152	134091	29.178	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 116.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	104473	25.089	ug/L	99
3) Chloromethane	2.146	50	93116	23.358	ug/L	95
5) Vinyl chloride	2.281	62	123250	24.523	ug/L	99
6) Bromomethane	2.687	94	69954	24.368	ug/L	100
8) Chloroethane	2.834	64	73830	24.331	ug/L	97
9) Trichlorofluoromethane	3.169	101	149057	22.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	87487	22.849	ug/L	98
12) 1,1-Dichloroethene	3.940	96	79654	22.721	ug/L	83
13) Acetone	4.028	43	47486	36.115	ug/L	99
14) Carbon disulfide	4.269	76	290787	22.760	ug/L	99
15) Methyl Acetate	4.563	43	34550	21.341	ug/L #	89
16) Methylene chloride	4.799	84	97235	23.902	ug/L	98
17) trans-1,2-Dichloroethene	5.310	96	88578	22.805	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	182372	23.553	ug/L	98
19) 1,1-Dichloroethane	6.116	63	159212	22.879	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	96637	23.004	ug/L	95
22) 2-Butanone	7.081	43	56841	41.515	ug/L	99
23) Bromochloromethane	7.428	128	48457	24.959	ug/L	91
25) Chloroform	7.593	83	185823	24.332	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM120524SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 01:10:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	109137	24.579	ug/L		98
29) Cyclohexane	7.881	56	120970	21.637	ug/L		97
30) 1,1,1-Trichloroethane	7.793	97	139748	23.179	ug/L		99
31) Carbon tetrachloride	7.993	117	127937	23.877	ug/L		98
33) Benzene	8.252	78	383054	24.012	ug/L		100
34) Trichloroethene	9.028	95	95408	23.054	ug/L		96
35) Methylcyclohexane	9.275	83	142365	22.737	ug/L		100
37) 1,2-Dichloropropane	9.304	63	102845	24.410	ug/L		100
38) Bromodichloromethane	9.587	83	127774	24.379	ug/L		98
39) cis-1,3-Dichloropropene	10.016	75	149145	23.479	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	104515	48.488	ug/L		99
42) Toluene	10.334	91	423741	25.033	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	131979	24.599	ug/L		96
45) 1,1,2-Trichloroethane	10.734	97	79168	25.191	ug/L		96
46) Tetrachloroethene	10.810	164	78598	23.404	ug/L		91
48) 2-Hexanone	10.922	43	89012	46.118	ug/L		99
49) Dibromochloromethane	11.075	129	89818	24.808	ug/L		98
50) 1,2-Dibromoethane	11.181	107	73407	25.004	ug/L	#	97
51) Chlorobenzene	11.604	112	260358	23.726	ug/L		98
52) Ethylbenzene	11.681	91	436154	23.705	ug/L		99
53) m,p-Xylene	11.793	106	171130	24.362	ug/L		94
54) o-Xylene	12.122	106	160375	23.698	ug/L		95
55) Styrene	12.134	104	300398	25.141	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.675	83	91877	25.107	ug/L		94
59) Bromoform	12.298	173	56968	24.456	ug/L		98
60) Isopropylbenzene	12.422	105	416525	22.592	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	62576	23.833	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	331877	22.742	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	329460	22.868	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	203487	23.043	ug/L		96
65) 1,4-Dichlorobenzene	13.534	146	214029	23.607	ug/L		96
67) 1,2-Dichlorobenzene	13.828	146	188255	23.375	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	14039	22.819	ug/L		95
69) 1,3,5-Trichlorobenzene	14.592	180	132568	21.915	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	110795	22.291	ug/L		99
71) Naphthalene	15.333	128	201736	21.885	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	101529	22.175	ug/L		99

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

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