Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
Data File : VD075413.D
Acq On : 23 Feb 2023 14:27
Operator : KP/SY
Sample : VSTD00506
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD005106

Quant Time: Feb 23 23:39:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM022323SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 23 23:38:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	88174	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.587	117	77122	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	38324	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.270	65	9609	5.501	ug/L		0.00
7) Chloroethane-d5	2.799	69	8218	5.563	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.922	63	14032	5.381	ug/L		0.00
21) 2-Butanone-d5	6.981	46	2578m	9.896	ug/L		0.00
24) Chloroform-d	7.569	84	13533	5.324	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.240	65	7020	5.583	ug/L		0.01
32) Benzene-d6	8.205	84	26701	5.546	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	8130	5.681	ug/L		0.00
41) Toluene-d8	10.269	98	23768	5.460	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.528	79	3153	5.471	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	2053	10.899	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	5748	5.683	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	7637	5.645	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	8809	5.209	ug/L		96
3) Chloromethane	2.146	50	11451	5.666	ug/L		95
5) Vinyl chloride	2.281	62	11588	5.158	ug/L		95
6) Bromomethane	2.693	94	5943	5.314	ug/L		92
8) Chloroethane	2.834	64	7394	5.402	ug/L		97
9) Trichlorofluoromethane	3.175	101	13632	5.364	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	7596	4.978	ug/L	#	83
12) 1,1-Dichloroethene	3.940	96	6411	4.881	ug/L		86
13) Acetone	4.028	43	3817	10.810	ug/L		65
14) Carbon disulfide	4.269	76	23290	5.500	ug/L		96
15) Methyl Acetate	4.569	43	2674	4.930	ug/L	#	77
16) Methylene chloride	4.805	84	11267	6.390	ug/L		89
17) trans-1,2-Dichloroethene	5.311	96	6964m	5.144	ug/L		
18) Methyl tert-butyl Ether	5.322	73	12973	4.697	ug/L	#	80
19) 1,1-Dichloroethane	6.111	63	13050	5.005	ug/L		99
20) cis-1,2-Dichloroethene	7.087	96	7300	5.052	ug/L		95
22) 2-Butanone	7.087	43	4348m	10.581	ug/L		
23) Bromochloromethane	7.422	128	3542	5.538	ug/L		85
25) Chloroform	7.593	83	13411	5.013	ug/L		90
27) 1,2-Dichloroethane	8.328	62	8205	4.879	ug/L	#	94
29) Cyclohexane	7.881	56	10608	5.023	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	12067	5.145	ug/L		98
31) Carbon tetrachloride	7.993	117	10231	5.080	ug/L		96
33) Benzene	8.257	78	27878	5.044	ug/L		100
34) Trichloroethene	9.034	95	7775	5.291	ug/L		93
35) Methylcyclohexane	9.275	83	11791	5.008	ug/L		97
37) 1,2-Dichloropropane	9.310	63	7014	4.868	ug/L	#	92
38) Bromodichloromethane	9.581	83	9772	5.243	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	9840	4.706	ug/L	#	76
40) 4-Methyl-2-pentanone	10.163	43	7419	9.583	ug/L		97
42) Toluene	10.334	91	28924	4.939	ug/L		93
44) trans-1,3-Dichloropropene	10.557	75	8320	4.783	ug/L		97

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.740	97	5049	5.016	ug/L		89
46) Tetrachloroethene	10.816	164	6050	5.218	ug/L		88
48) 2-Hexanone	10.928	43	5742	10.025	ug/L	#	95
49) Dibromochloromethane	11.075	129	6054	5.116	ug/L		100
50) 1,2-Dibromoethane	11.175	107	5007	5.383	ug/L	#	67
51) Chlorobenzene	11.610	112	19083	5.138	ug/L		98
52) Ethylbenzene	11.687	91	31104	4.808	ug/L		96
53) m,p-Xylene	11.793	106	12031	4.933	ug/L		89
54) o-Xylene	12.122	106	10732	4.654	ug/L		94
55) Styrene	12.140	104	18995	4.741	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.675	83	5487	4.906	ug/L	#	92
59) Bromoform	12.304	173	3612	5.094	ug/L	#	93
60) Isopropylbenzene	12.422	105	29837	4.636	ug/L		98
61) 1,2,3-Trichloropropane	12.728	75	3821	5.054	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	22926	4.546	ug/L		99
63) 1,2,4-Trimethylbenzene	13.216	105	21518	4.427	ug/L		96
64) 1,3-Dichlorobenzene	13.463	146	13959	4.984	ug/L		96
65) 1,4-Dichlorobenzene	13.540	146	14174	4.958	ug/L		95
67) 1,2-Dichlorobenzene	13.834	146	11936	4.861	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.445	75	784m	4.603	ug/L		
69) 1,3,5-Trichlorobenzene	14.598	180	9134	4.947	ug/L		97
70) 1,2,4-trichlorobenzene	15.098	180	7304	4.917	ug/L		94
71) Naphthalene	15.334	128	12423	4.626	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.528	180	6336	4.946	ug/L		98

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

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