Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
Data File : VD076648.D
Acq On : 29 Jun 2023 19:53
Operator : KP/SY
Sample : 03472-08MSD
Misc : 4.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46Q2MSD

Quant Time: Jun 30 01:16:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	229030	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	207393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	102740	18.420	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.680%			
7) Chloroethane-d5	2.787	69	83740	18.568	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.280%			
11) 1,1-Dichloroethene-d2	3.905	65	31150	21.396	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.600%			
21) 2-Butanone-d5	6.981	46	45498	53.862	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.720%			
24) Chloroform-d	7.563	84	139360	23.096	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	8.234	65	76892	25.831	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.320%			
32) Benzene-d6	8.199	84	266900	21.038	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.160%			
36) 1,2-Dichloropropane-d6	9.210	67	85197	21.039	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.160%			
41) Toluene-d8	10.269	98	246804	21.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.040%			
43) trans-1,3-Dichloroprop...	10.528	79	38476	22.843	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.360%			
47) 2-Hexanone-d5	10.875	63	32286	51.361	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.720%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76782	26.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.600%			
66) 1,2-Dichlorobenzene-d4	13.816	152	83565	21.442	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	97833	27.413	ug/L	99
3) Chloromethane	2.146	50	140521	23.685	ug/L	100
5) Vinyl chloride	2.276	62	145322	22.706	ug/L	96
6) Bromomethane	2.681	94	61470	17.340	ug/L	92
8) Chloroethane	2.823	64	86442	22.049	ug/L	96
9) Trichlorofluoromethane	3.164	101	135794	29.344	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	80628	26.861	ug/L	100
12) 1,1-Dichloroethene	3.928	96	71904	24.190	ug/L	96
13) Acetone	4.022	43	33961	49.777	ug/L	96
14) Carbon disulfide	4.258	76	248545	23.067	ug/L	100
15) Methyl Acetate	4.564	43	42906	27.549	ug/L #	75
16) Methylene chloride	4.793	84	85618	21.508	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	78679	23.742	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	221765	29.394	ug/L #	89
19) 1,1-Dichloroethane	6.105	63	143050	23.611	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	87736	23.706	ug/L	95
22) 2-Butanone	7.081	43	55743	50.628	ug/L	97
23) Bromochloromethane	7.428	128	40699	25.911	ug/L	88
25) Chloroform	7.593	83	151851	25.682	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	102590	28.213	ug/L		99
29) Cyclohexane	7.875	56	124054	22.494	ug/L		93
30) 1,1,1-Trichloroethane	7.787	97	128243	26.618	ug/L		98
31) Carbon tetrachloride	7.987	117	106618	27.670	ug/L		97
33) Benzene	8.246	78	316991	23.094	ug/L		100
34) Trichloroethene	9.028	95	82834	23.492	ug/L		92
35) Methylcyclohexane	9.269	83	136537	24.013	ug/L		98
37) 1,2-Dichloropropane	9.305	63	85466	22.838	ug/L		99
38) Bromodichloromethane	9.581	83	116382	27.267	ug/L		97
39) cis-1,3-Dichloropropene	10.016	75	135847	23.773	ug/L		99
40) 4-Methyl-2-pentanone	10.157	43	122452	52.600	ug/L		98
42) Toluene	10.334	91	347508	23.691	ug/L		97
44) trans-1,3-Dichloropropene	10.552	75	118280	25.466	ug/L		97
45) 1,1,2-Trichloroethane	10.734	97	66830	26.036	ug/L		94
46) Tetrachloroethene	10.810	164	64724	23.349	ug/L		95
48) 2-Hexanone	10.922	43	85359	53.537	ug/L		99
49) Dibromochloromethane	11.075	129	79891	27.388	ug/L		94
50) 1,2-Dibromoethane	11.181	107	67250	26.994	ug/L		93
51) Chlorobenzene	11.604	112	227830	24.878	ug/L		96
52) Ethylbenzene	11.681	91	383897	24.282	ug/L		98
53) m,p-Xylene	11.793	106	143596	23.112	ug/L		100
54) o-Xylene	12.116	106	136938	23.148	ug/L		93
55) Styrene	12.134	104	248127	24.277	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.669	83	80115	27.310	ug/L		92
59) Bromoform	12.299	173	49312	25.908	ug/L	#	98
60) Isopropylbenzene	12.422	105	374029	22.999	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	57424	27.829	ug/L		97
62) 1,3,5-Trimethylbenzene	12.904	105	300204	23.073	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	296894	23.123	ug/L		100
64) 1,3-Dichlorobenzene	13.457	146	168400	23.276	ug/L		94
65) 1,4-Dichlorobenzene	13.534	146	171310	23.490	ug/L		95
67) 1,2-Dichlorobenzene	13.828	146	156880	24.340	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.445	75	13253	28.820	ug/L		90
69) 1,3,5-Trichlorobenzene	14.593	180	113053	23.427	ug/L		100
70) 1,2,4-trichlorobenzene	15.098	180	100053	23.302	ug/L		99
71) Naphthalene	15.328	128	218782	26.613	ug/L		100
72) 1,2,3-Trichlorobenzene	15.522	180	91476	24.533	ug/L		99

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

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