Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
Data File : VD079109.D
Acq On : 31 May 2024 15:22
Operator : RP/MD
Sample : P2642-02MS
Misc : 5.47G/10ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4C18MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: Jun 01 00:36:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	252324	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	196015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	63978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	142142	18.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.240%			
7) Chloroethane-d5	2.799	69	145559	19.387	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.560%			
11) 1,1-Dichloroethene-d2	3.917	65	23838	17.294	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.160%			
21) 2-Butanone-d5	6.981	46	18802	31.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.320%			
24) Chloroform-d	7.569	84	139799	19.815	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.280%			
26) 1,2-Dichloroethane-d4	8.228	65	59151	18.175	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 72.680%			
32) Benzene-d6	8.199	84	280276	25.793	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.160%			
36) 1,2-Dichloropropane-d6	9.210	67	78408	25.050	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.200%			
41) Toluene-d8	10.269	98	226697	22.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.120%			
43) trans-1,3-Dichloroprop...	10.522	79	27370	20.803	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.200%			
47) 2-Hexanone-d5	10.875	63	15371	37.986	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.980%			
56) 1,1,2,2-Tetrachloroeth...	12.646	84	50713	18.291	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.160%			
66) 1,2-Dichlorobenzene-d4	13.816	152	43480	19.692	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	63267	15.839	ug/L	100
3) Chloromethane	2.146	50	95384	17.917	ug/L	98
5) Vinyl chloride	2.281	62	162828	18.531	ug/L	98
6) Bromomethane	2.693	94	108185	15.948	ug/L	96
8) Chloroethane	2.834	64	112458	17.462	ug/L	93
9) Trichlorofluoromethane	3.175	101	101274	15.130	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	61683m	15.367	ug/L	
12) 1,1-Dichloroethene	3.940	96	59058	16.900	ug/L	94
13) Acetone	4.023	43	10259	11.932	ug/L	92
14) Carbon disulfide	4.270	76	192189	15.766	ug/L	100
15) Methyl Acetate	4.564	43	13005	11.101	ug/L #	75
16) Methylene chloride	4.799	84	71205	15.837	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	62561	16.566	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	94616	14.127	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	103218	16.976	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	66665	16.953	ug/L	98
22) 2-Butanone	7.087	43	13497	14.943	ug/L	99
23) Bromochloromethane	7.422	128	30564	15.331	ug/L	96
25) Chloroform	7.593	83	116969	16.944	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
Data File : VD079109.D
Acq On : 31 May 2024 15:22
Operator : RP/MD
Sample : P2642-02MS
Misc : 5.47G/10ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 01 00:36:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A4C18MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	58172	14.517	ug/L	#	92
29) Cyclohexane	7.881	56	57259	16.190	ug/L		97
30) 1,1,1-Trichloroethane	7.793	97	94971	20.464	ug/L		99
31) Carbon tetrachloride	7.993	117	84041m	19.488	ug/L		
33) Benzene	8.252	78	259532	22.230	ug/L		100
34) Trichloroethene	9.028	95	59348	19.737	ug/L		96
35) Methylcyclohexane	9.275	83	63019	12.648	ug/L		100
37) 1,2-Dichloropropane	9.299	63	57791	20.209	ug/L	#	94
38) Bromodichloromethane	9.581	83	75870	19.085	ug/L		95
39) cis-1,3-Dichloropropene	10.016	75	79087	17.717	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	34265	28.704	ug/L		96
42) Toluene	10.334	91	254622	19.641	ug/L		98
44) trans-1,3-Dichloropropene	10.552	75	63973	16.947	ug/L		94
45) 1,1,2-Trichloroethane	10.734	97	41884	16.695	ug/L		96
46) Tetrachloroethene	10.805	164	41925	15.835	ug/L		97
48) 2-Hexanone	10.922	43	22008	21.306	ug/L		98
49) Dibromochloromethane	11.075	129	47108	15.857	ug/L		96
50) 1,2-Dibromoethane	11.181	107	36086	15.651	ug/L	#	87
51) Chlorobenzene	11.604	112	140372	16.274	ug/L		95
52) Ethylbenzene	11.681	91	224404	16.595	ug/L		100
53) m,p-Xylene	11.793	106	87703	16.531	ug/L		95
54) o-Xylene	12.122	106	83234	16.238	ug/L		88
55) Styrene	12.134	104	138696	15.261	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.669	83	36408	12.965	ug/L		99
59) Bromoform	12.293	173	25215	21.504	ug/L		99
60) Isopropylbenzene	12.422	105	187971	22.220	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	24917	22.059	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	107254	18.543	ug/L		97
63) 1,2,4-Trimethylbenzene	13.210	105	117373	18.972	ug/L		97
64) 1,3-Dichlorobenzene	13.457	146	67561	16.624	ug/L		99
65) 1,4-Dichlorobenzene	13.534	146	70464	16.364	ug/L		95
67) 1,2-Dichlorobenzene	13.828	146	58157	15.480	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.445	75	3870	16.667	ug/L	#	74
69) 1,3,5-Trichlorobenzene	14.593	180	26200	10.222	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	17078	8.023	ug/L		96
71) Naphthalene	15.334	128	33332	8.373	ug/L		98
72) 1,2,3-Trichlorobenzene	15.522	180	13146	7.145	ug/L		96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053124\
Data File : VD079109.D
Acq On : 31 May 2024 15:22
Operator : RP/MD
Sample : P2642-02MS
Misc : 5.47G/10ml/MSVOA_D/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 01 00:36:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 01 00:34:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A4C18MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024