Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
Data File : VD078960.D
Acq On : 17 May 2024 11:28
Operator : RP/MD
Sample : VSTD10031
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100131

Quant Time: May 18 00:36:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 18 00:33:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.775	114	154453	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	164758	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97200	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.276	65	383018	101.158	ug/L		0.00
7) Chloroethane-d5	2.793	69	391249	96.531	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.917	65	71273	97.820	ug/L		0.00
21) 2-Butanone-d5	6.987	46	110467	206.123	ug/L		0.00
24) Chloroform-d	7.569	84	438869	95.449	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.228	65	208210	95.352	ug/L		0.00
32) Benzene-d6	8.205	84	830978	98.847	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	240246	93.791	ug/L		0.00
41) Toluene-d8	10.269	98	782826	101.023	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	112822	95.617	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	111228	216.663	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	271345	93.122	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	331852	100.588	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	291496	94.326	ug/L		99
3) Chloromethane	2.146	50	343280	90.531	ug/L		92
5) Vinyl chloride	2.281	62	647953	104.438	ug/L		97
6) Bromomethane	2.687	94	465617	104.946	ug/L		96
8) Chloroethane	2.834	64	469365	97.959	ug/L		96
9) Trichlorofluoromethane	3.170	101	466504	96.413	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	304993	100.429	ug/L		96
12) 1,1-Dichloroethene	3.940	96	270538	101.302	ug/L		88
13) Acetone	4.023	43	120638	182.203	ug/L		96
14) Carbon disulfide	4.270	76	667477	86.249	ug/L	#	94
15) Methyl Acetate	4.558	43	103365	94.595	ug/L		95
16) Methylene chloride	4.799	84	308242	84.249	ug/L		99
17) trans-1,2-Dichloroethene	5.311	96	298518	109.779	ug/L		97
18) Methyl tert-butyl Ether	5.317	73	710344	122.523	ug/L	#	94
19) 1,1-Dichloroethane	6.111	63	488766	107.014	ug/L		98
20) cis-1,2-Dichloroethene	7.081	96	360061	116.087	ug/L		96
22) 2-Butanone	7.075	43	165943	222.948	ug/L		94
23) Bromochloromethane	7.428	128	168885	108.972	ug/L	#	92
25) Chloroform	7.593	83	583210	106.236	ug/L		93
27) 1,2-Dichloroethane	8.328	62	336174	105.727	ug/L		98
29) Cyclohexane	7.875	56	366160	115.634	ug/L		97
30) 1,1,1-Trichloroethane	7.793	97	484893	106.375	ug/L		98
31) Carbon tetrachloride	7.993	117	438404	104.452	ug/L		99
33) Benzene	8.252	78	1253616	111.003	ug/L		100
34) Trichloroethene	9.028	95	315774	108.531	ug/L		96
35) Methylcyclohexane	9.275	83	509825	116.552	ug/L		97
37) 1,2-Dichloropropane	9.305	63	307817	107.551	ug/L		99
38) Bromodichloromethane	9.581	83	439243	108.530	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	531214	118.316	ug/L		93
40) 4-Methyl-2-pentanone	10.157	43	330419	228.557	ug/L		98
42) Toluene	10.334	91	1468863	118.300	ug/L		99
44) trans-1,3-Dichloropropene	10.552	75	468594	118.055	ug/L		99

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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	10.734	97	286253	109.377	ug/L	90
46) Tetrachloroethene	10.810	164	270747	108.155	ug/L	97
48) 2-Hexanone	10.922	43	255565	228.041	ug/L	99
49) Dibromochloromethane	11.075	129	347089	109.086	ug/L	99
50) 1,2-Dibromoethane	11.175	107	271798	109.942	ug/L	96
51) Chlorobenzene	11.604	112	983519	112.120	ug/L	100
52) Ethylbenzene	11.681	91	1634574	121.976	ug/L	96
53) m,p-Xylene	11.793	106	651738	121.570	ug/L	99
54) o-Xylene	12.122	106	687210	131.612	ug/L	98
55) Styrene	12.134	104	1225489	132.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	342513	107.904	ug/L	95
59) Bromoform	12.299	173	228238	103.750	ug/L	97
60) Isopropylbenzene	12.422	105	1744213	121.377	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	219007	98.296	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1399282	131.734	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	1378682	127.733	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	798955	114.478	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	824041	109.517	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	760240	115.093	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	47164	101.620	ug/L	89
69) 1,3,5-Trichlorobenzene	14.593	180	535904	118.231	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	459755	119.815	ug/L	99
71) Naphthalene	15.328	128	982077	125.441	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	422849	117.896	ug/L	98

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

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