Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022323\
Data File : VD075414.D
Acq On : 23 Feb 2023 15:19
Operator : KP/SY
Sample : VSTD02507
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025107

Quant Time: Feb 23 23:40:13 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	90365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	81358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	41348	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	40693	22.730	ug/L	0.00
7) Chloroethane-d5	2.805	69	34648	22.887	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	63	63912	23.913	ug/L	0.00
21) 2-Butanone-d5	6.981	46	12875	48.224	ug/L	0.00
24) Chloroform-d	7.569	84	61052	23.437	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	30104	23.363	ug/L	0.00
32) Benzene-d6	8.199	84	118428	23.317	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	34454	22.822	ug/L	0.00
41) Toluene-d8	10.269	98	110338	24.028	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	14379	23.651	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	9427	47.439	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	25052	23.477	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	31953	21.891	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	42592	24.574	ug/L	100
3) Chloromethane	2.146	50	48746	23.534	ug/L	100
5) Vinyl chloride	2.281	62	56434	24.509	ug/L	100
6) Bromomethane	2.693	94	28032	24.458	ug/L	100
8) Chloroethane	2.840	64	33887	24.159	ug/L	100
9) Trichlorofluoromethane	3.175	101	64757	24.864	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	39556	25.297	ug/L	100
12) 1,1-Dichloroethene	3.940	96	33736	25.063	ug/L	100
13) Acetone	4.028	43	17773	49.112	ug/L	100
14) Carbon disulfide	4.275	76	104097	23.988	ug/L	100
15) Methyl Acetate	4.563	43	14296	25.720	ug/L	100
16) Methylene chloride	4.799	84	38829	21.488	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	36171	26.070	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	73529	25.975	ug/L	100
19) 1,1-Dichloroethane	6.116	63	66822	25.008	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	38643	26.093	ug/L	100
22) 2-Butanone	7.075	43	21246	50.450	ug/L	100
23) Bromochloromethane	7.428	128	17023	25.972	ug/L	100
25) Chloroform	7.593	83	69465	25.334	ug/L	100
27) 1,2-Dichloroethane	8.322	62	43130	25.024	ug/L	100
29) Cyclohexane	7.875	56	57225	25.685	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	61303	24.775	ug/L	100
31) Carbon tetrachloride	7.993	117	53998	25.416	ug/L	100
33) Benzene	8.251	78	145219	24.904	ug/L	100
34) Trichloroethene	9.028	95	38146	24.605	ug/L	100
35) Methylcyclohexane	9.275	83	63347	25.506	ug/L	100
37) 1,2-Dichloropropane	9.304	63	38406	25.270	ug/L	100
38) Bromodichloromethane	9.581	83	49004	24.923	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	56931	25.810	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	42362	51.871	ug/L	100
42) Toluene	10.334	91	157833	25.550	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	47781	26.040	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	26404	24.864	ug/L	100
46) Tetrachloroethene	10.810	164	30974	25.322	ug/L	100
48) 2-Hexanone	10.922	43	31268	51.747	ug/L	100
49) Dibromochloromethane	11.075	129	31547	25.270	ug/L	100
50) 1,2-Dibromoethane	11.181	107	24112	24.572	ug/L	100
51) Chlorobenzene	11.610	112	99312	25.349	ug/L	100
52) Ethylbenzene	11.687	91	176354	25.843	ug/L	100
53) m,p-Xylene	11.798	106	66969	26.027	ug/L	100
54) o-Xylene	12.122	106	63712	26.191	ug/L	100
55) Styrene	12.140	104	110405	26.122	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	30038	25.460	ug/L	100
59) Bromoform	12.298	173	18816	24.593	ug/L	100
60) Isopropylbenzene	12.422	105	178204	25.666	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	20593	25.246	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	140501	25.825	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	137081	26.137	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	75224	24.892	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	75714	24.547	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	66626	25.149	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	4635	25.221	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	49550	24.874	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	39969	24.940	ug/L	100
71) Naphthalene	15.333	128	73995	25.538	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	35684	25.819	ug/L	100

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

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