Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
Data File : VD078296.D
Acq On : 31 Jan 2024 17:40
Operator : RP/MD
Sample : VSTD02511
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025111

Quant Time: Feb 01 04:00:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Feb 01 03:57:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	218482	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	208805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	99772	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	154722	25.095	ug/L	0.00
7) Chloroethane-d5	2.799	69	124088	25.108	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	32780	21.060	ug/L	0.00
21) 2-Butanone-d5	6.987	46	41578	52.129	ug/L	0.00
24) Chloroform-d	7.569	84	152076	25.077	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	79506	25.731	ug/L	0.00
32) Benzene-d6	8.205	84	304499	23.886	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	89918	23.183	ug/L	0.00
41) Toluene-d8	10.269	98	277775	23.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	41905	24.163	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	39947	56.391	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84823	28.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	84985	23.403	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	108411	29.210	ug/L	100
3) Chloromethane	2.152	50	159085	29.742	ug/L	100
5) Vinyl chloride	2.281	62	191975	29.063	ug/L	100
6) Bromomethane	2.687	94	83645	24.636	ug/L	100
8) Chloroethane	2.834	64	122532	29.551	ug/L	100
9) Trichlorofluoromethane	3.170	101	141722	25.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	85500	26.377	ug/L	100
12) 1,1-Dichloroethene	3.940	96	79301	25.906	ug/L	100
13) Acetone	4.028	43	66643	63.366	ug/L	100
14) Carbon disulfide	4.269	76	292543	26.912	ug/L	100
15) Methyl Acetate	4.569	43	42447	28.534	ug/L	100
16) Methylene chloride	4.805	84	97376	24.110	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	89563	27.655	ug/L	100
18) Methyl tert-butyl Ether	5.328	73	201863	27.906	ug/L	100
19) 1,1-Dichloroethane	6.111	63	155627	25.921	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	97719	27.154	ug/L	100
22) 2-Butanone	7.087	43	76777	64.200	ug/L	100
23) Bromochloromethane	7.428	128	44067	28.758	ug/L	100
25) Chloroform	7.599	83	165483	27.494	ug/L	100
27) 1,2-Dichloroethane	8.328	62	105442	27.865	ug/L	100
29) Cyclohexane	7.881	56	128049	23.434	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	133031	25.460	ug/L	100
31) Carbon tetrachloride	7.987	117	116497	25.515	ug/L	100
33) Benzene	8.252	78	373605	26.642	ug/L	100
34) Trichloroethene	9.028	95	91638	26.440	ug/L	100
35) Methylcyclohexane	9.275	83	145512	24.191	ug/L	100
37) 1,2-Dichloropropane	9.304	63	95101	26.150	ug/L	100
38) Bromodichloromethane	9.587	83	123843	27.452	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	149879	26.249	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	123019	58.363	ug/L	100
42) Toluene	10.334	91	390681	26.372	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	132506	27.449	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Thu Feb 01 03:57:47 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	78287	30.456	ug/L	100
46) Tetrachloroethene	10.810	164	61721	22.822	ug/L	100
48) 2-Hexanone	10.922	43	106539	60.129	ug/L	100
49) Dibromochloromethane	11.075	129	85635	28.418	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74990	30.192	ug/L	100
51) Chlorobenzene	11.610	112	243316	26.385	ug/L	100
52) Ethylbenzene	11.681	91	414507	25.409	ug/L	100
53) m,p-Xylene	11.793	106	156434	25.388	ug/L	100
54) o-Xylene	12.122	106	151736	25.683	ug/L	100
55) Styrene	12.134	104	276574	26.575	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	97974	31.566	ug/L	100
59) Bromoform	12.298	173	49884	28.434	ug/L	100
60) Isopropylbenzene	12.422	105	391571	25.780	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	64789	31.734	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	301117	26.256	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	304858	26.227	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	167436	25.408	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	178555	25.945	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	159471	26.569	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13237	28.273	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	102956	23.339	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	85417	22.768	ug/L	100
71) Naphthalene	15.334	128	207871	28.524	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	81948	24.489	ug/L	100

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

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