Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
Data File : VD079057.D
Acq On : 29 May 2024 10:44
Operator : RP/MD
Sample : VSTD05004
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD050804

Quant Time: May 30 00:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 00:39:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.781	114	211214	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.581	117	210551	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	115190	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.275	65	317372	57.045	ug/L		0.00
7) Chloroethane-d5	2.799	69	278583	48.128	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.922	65	57247	53.662	ug/L		0.00
21) 2-Butanone-d5	6.987	46	46674	66.151	ug/L		0.00
24) Chloroform-d	7.569	84	270719	42.424	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.234	65	131185	43.646	ug/L		0.00
32) Benzene-d6	8.205	84	579407	51.964	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.210	67	151531	45.135	ug/L		0.00
41) Toluene-d8	10.269	98	559892	53.739	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.522	79	69157	44.976	ug/L		0.00
47) 2-Hexanone-d5	10.875	63	47477	75.123	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	144685	39.552	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	194472	48.490	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	152238	36.452	ug/L		98
3) Chloromethane	2.152	50	218545	41.971	ug/L		100
5) Vinyl chloride	2.281	62	350624	41.151	ug/L		96
6) Bromomethane	2.693	94	225427	36.093	ug/L		99
8) Chloroethane	2.834	64	231295	35.605	ug/L		96
9) Trichlorofluoromethane	3.175	101	240715	35.246	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	156103	37.613	ug/L		99
12) 1,1-Dichloroethene	3.940	96	142950	39.256	ug/L		92
13) Acetone	4.022	43	85646	96.813	ug/L		99
14) Carbon disulfide	4.275	76	477353	43.259	ug/L		100
15) Methyl Acetate	4.564	43	46772	33.994	ug/L		94
16) Methylene chloride	4.805	84	158479	32.256	ug/L		93
17) trans-1,2-Dichloroethene	5.311	96	154156	41.483	ug/L		95
18) Methyl tert-butyl Ether	5.316	73	304680	39.909	ug/L	#	89
19) 1,1-Dichloroethane	6.116	63	237115	38.897	ug/L	#	96
20) cis-1,2-Dichloroethene	7.081	96	169714	40.971	ug/L		98
22) 2-Butanone	7.081	43	92638	94.747	ug/L		98
23) Bromochloromethane	7.428	128	81026	39.048	ug/L		93
25) Chloroform	7.599	83	272278	37.311	ug/L		95
27) 1,2-Dichloroethane	8.328	62	163895	38.672	ug/L		98
29) Cyclohexane	7.881	56	207272	50.334	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	233007	40.549	ug/L		99
31) Carbon tetrachloride	7.993	117	216233	40.831	ug/L		98
33) Benzene	8.252	78	643877	44.966	ug/L		100
34) Trichloroethene	9.028	95	158247	42.820	ug/L		98
35) Methylcyclohexane	9.275	83	286028	50.068	ug/L		99
37) 1,2-Dichloropropane	9.304	63	147806	41.169	ug/L		99
38) Bromodichloromethane	9.581	83	202707	40.274	ug/L		95
39) cis-1,3-Dichloropropene	10.016	75	250547	44.542	ug/L		96
40) 4-Methyl-2-pentanone	10.157	43	141348	79.757	ug/L		94
42) Toluene	10.334	91	720058	45.508	ug/L		98
44) trans-1,3-Dichloropropene	10.551	75	215258	43.427	ug/L		93

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Instrument :
MSVOA_D
ClientSampleId :
VSTD050804

Quant Time: May 30 00:41:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 00:39:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	130614	40.363	ug/L		98
46) Tetrachloroethene	10.810	164	141267	43.922	ug/L		96
48) 2-Hexanone	10.922	43	131975	93.687	ug/L		97
49) Dibromochloromethane	11.075	129	157025	39.802	ug/L		96
50) 1,2-Dibromoethane	11.181	107	123921	40.133	ug/L		99
51) Chlorobenzene	11.604	112	465887	42.202	ug/L		97
52) Ethylbenzene	11.681	91	787345	46.540	ug/L		99
53) m,p-Xylene	11.793	106	311905	46.031	ug/L		96
54) o-Xylene	12.122	106	304198	45.976	ug/L		95
55) Styrene	12.134	104	557229	48.242	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.669	83	150533	38.552	ug/L	#	95
59) Bromoform	12.298	173	98625	38.666	ug/L		98
60) Isopropylbenzene	12.422	105	797818	46.941	ug/L		99
61) 1,2,3-Trichloropropane	12.722	75	98621	38.141	ug/L		99
62) 1,3,5-Trimethylbenzene	12.904	105	573061	46.353	ug/L		100
63) 1,2,4-Trimethylbenzene	13.210	105	617964	48.589	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	364963	44.371	ug/L		99
65) 1,4-Dichlorobenzene	13.534	146	378986	42.821	ug/L		96
67) 1,2-Dichlorobenzene	13.828	146	341202	43.961	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.445	75	20435	38.263	ug/L	#	78
69) 1,3,5-Trichlorobenzene	14.592	180	237534	44.511	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	194946	43.226	ug/L		99
71) Naphthalene	15.334	128	395177	43.588	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	180387	43.285	ug/L		97

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

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