Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
Data File : VD079056.D
Acq On : 29 May 2024 10:21
Operator : RP/MD
Sample : VSTD02503
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025803

Quant Time: May 30 00:41:01 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	8.775	114	201741	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200763	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	106424	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	150584	28.337	ug/L	0.00
7) Chloroethane-d5	2.799	69	141346	25.565	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	26339	25.849	ug/L	0.00
21) 2-Butanone-d5	6.981	46	21773	32.308	ug/L	0.00
24) Chloroform-d	7.569	84	132608	21.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	61894	21.559	ug/L	0.00
32) Benzene-d6	8.198	84	269595	25.357	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	74551	23.288	ug/L	0.00
41) Toluene-d8	10.269	98	257442	25.914	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	31607	21.558	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	20477	33.980	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	66329	19.016	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	82990	22.397	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	78604	19.705	ug/L	100
3) Chloromethane	2.146	50	105064	21.124	ug/L	100
5) Vinyl chloride	2.281	62	172863	21.241	ug/L	100
6) Bromomethane	2.693	94	135654	22.740	ug/L	100
8) Chloroethane	2.834	64	127417	20.535	ug/L	100
9) Trichlorofluoromethane	3.175	101	156790	24.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	79359	20.019	ug/L	100
12) 1,1-Dichloroethene	3.940	96	69593	20.009	ug/L	100
13) Acetone	4.022	43	36066	42.683	ug/L	98
14) Carbon disulfide	4.269	76	245236	23.268	ug/L	100
15) Methyl Acetate	4.563	43	23804	18.113	ug/L	100
16) Methylene chloride	4.793	84	78395	16.705	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	78221	22.038	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	137107	18.802	ug/L	100
19) 1,1-Dichloroethane	6.116	63	121530	20.872	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	80040	20.230	ug/L	100
22) 2-Butanone	7.081	43	37113	39.740	ug/L	100
23) Bromochloromethane	7.428	128	40373	20.370	ug/L	100
25) Chloroform	7.598	83	135448	19.433	ug/L	100
27) 1,2-Dichloroethane	8.328	62	81688	20.180	ug/L	100
29) Cyclohexane	7.875	56	97246	24.767	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	117165	21.384	ug/L	100
31) Carbon tetrachloride	7.993	117	109361	21.657	ug/L	100
33) Benzene	8.251	78	310443	22.737	ug/L	100
34) Trichloroethene	9.028	95	77726	22.057	ug/L	100
35) Methylcyclohexane	9.275	83	134083	24.615	ug/L	100
37) 1,2-Dichloropropane	9.304	63	73581	21.494	ug/L	100
38) Bromodichloromethane	9.581	83	99368	20.705	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	114504	21.349	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	65174	38.568	ug/L	100
42) Toluene	10.334	91	352026	23.333	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	102329	21.651	ug/L	100

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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	63366	20.537	ug/L	100
46) Tetrachloroethene	10.810	164	67605	22.044	ug/L	100
48) 2-Hexanone	10.922	43	59394	44.218	ug/L	100
49) Dibromochloromethane	11.075	129	74416	19.782	ug/L	100
50) 1,2-Dibromoethane	11.175	107	60591	20.579	ug/L	100
51) Chlorobenzene	11.604	112	221382	21.031	ug/L	100
52) Ethylbenzene	11.681	91	363378	22.527	ug/L	100
53) m,p-Xylene	11.792	106	145188	22.472	ug/L	100
54) o-Xylene	12.122	106	140348	22.246	ug/L	100
55) Styrene	12.134	104	250910	22.781	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	72772	19.546	ug/L	100
59) Bromoform	12.298	173	46829	19.872	ug/L	100
60) Isopropylbenzene	12.422	105	367606	23.410	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47947	20.071	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	251361	22.007	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	272746	23.212	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	169723	22.334	ug/L	100
65) 1,4-Dichlorobenzene	13.533	146	175639	21.480	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	154756	21.582	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	9627	19.510	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	103813	21.055	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	84243	20.218	ug/L	100
71) Naphthalene	15.333	128	161872	19.325	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	75632	19.643	ug/L	100

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

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