Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092622\
Data File : VW024635.D
Acq On : 26 Sep 2022 11:07
Operator : SY/VA
Sample : VSTD05050
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050450

Quant Time: Sep 27 00:50:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Sep 27 00:48:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	669813	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	576749	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	286572	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	359297	51.270	ug/L		0.00
7) Chloroethane-d5	2.891	69	202124	49.633	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.025	63	790144	48.713	ug/L		0.00
21) 2-Butanone-d5	7.080	46	231757	92.638	ug/L		0.00
24) Chloroform-d	7.653	84	831944	46.460	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	423577	45.599	ug/L		0.00
32) Benzene-d6	8.275	84	1732599	47.000	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	528590	46.931	ug/L		0.00
41) Toluene-d8	10.323	98	1539619	46.729	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	240347	47.918	ug/L		0.00
47) 2-Hexanone-d5	10.920	63	185766	96.397	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	379915	47.339	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	454544	45.075	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	210861	53.044	ug/L		90
3) Chloromethane	2.215	50	395217	49.352	ug/L		97
5) Vinyl chloride	2.367	62	447347	54.330	ug/L		98
6) Bromomethane	2.782	94	182286	47.969	ug/L		95
8) Chloroethane	2.922	64	177200	51.045	ug/L		98
9) Trichlorofluoromethane	3.263	101	229511	49.824	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	431816	49.150	ug/L	#	78
12) 1,1-Dichloroethene	4.044	96	443738	50.389	ug/L		97
13) Acetone	4.129	43	155136	84.152	ug/L		98
14) Carbon disulfide	4.391	76	1408413	50.915	ug/L		99
15) Methyl Acetate	4.672	43	206959	50.026	ug/L		99
16) Methylene chloride	4.922	84	469150	35.665	ug/L		97
17) trans-1,2-Dichloroethene	5.428	96	482356	49.069	ug/L		96
18) Methyl tert-butyl Ether	5.434	73	739444	47.410	ug/L		99
19) 1,1-Dichloroethane	6.220	63	898354	48.772	ug/L		96
20) cis-1,2-Dichloroethene	7.171	96	515029	48.764	ug/L		98
22) 2-Butanone	7.171	43	261153	88.739	ug/L		99
23) Bromochloromethane	7.519	128	209746	48.853	ug/L		99
25) Chloroform	7.677	83	839475	48.062	ug/L		97
27) 1,2-Dichloroethane	8.403	62	530471	48.265	ug/L		100
29) Cyclohexane	7.958	56	909181	50.582	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	693509	49.692	ug/L		100
31) Carbon tetrachloride	8.067	117	586839	49.655	ug/L		98
33) Benzene	8.323	78	1969434	48.788	ug/L		100
34) Trichloroethene	9.092	95	504757	49.334	ug/L		96
35) Methylcyclohexane	9.335	83	952162	50.767	ug/L		100
37) 1,2-Dichloropropane	9.366	63	491060	49.276	ug/L		100
38) Bromodichloromethane	9.646	83	609031	49.683	ug/L		100
39) cis-1,3-Dichloropropene	10.073	75	790052	50.133	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	591916	100.346	ug/L		99
42) Toluene	10.384	91	2037655	48.881	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	672718	49.790	ug/L		99

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Quant Title : SFAM01.0
QLast Update : Tue Sep 27 00:48:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	333464	48.988	ug/L	99
46) Tetrachloroethene	10.860	164	348570	50.141	ug/L	90
48) 2-Hexanone	10.969	43	399876	100.251	ug/L	99
49) Dibromochloromethane	11.128	129	382765	49.936	ug/L	95
50) 1,2-Dibromoethane	11.231	107	320859	49.799	ug/L	98
51) Chlorobenzene	11.658	112	1245021	48.779	ug/L	98
52) Ethylbenzene	11.731	91	2262417	49.272	ug/L	98
53) m,p-Xylene	11.841	106	886883	49.464	ug/L	91
54) o-Xylene	12.164	106	835132	49.323	ug/L	93
55) Styrene	12.176	104	1421260	49.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	392875	49.293	ug/L	99
59) Bromoform	12.347	173	199348	49.212	ug/L	99
60) Isopropylbenzene	12.463	105	2237106	47.897	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	292812	47.434	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1946167	47.941	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1896216	47.680	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	910538	47.986	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	881440	47.718	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	770414	46.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	67279	46.088	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	598685	47.518	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	517718	48.913	ug/L	95
71) Naphthalene	15.359	128	1079644	46.847	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	432561	48.019	ug/L	95

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

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