Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029169.D
Acq On : 18 Jun 2024 10:43
Operator : SY/MD
Sample : VSTD05049
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050449

Quant Time: Jun 19 00:54:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	241248	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	229132	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116144	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	166055	49.730	ug/L		0.00
7) Chloroethane-d5	2.893	69	140803	50.721	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	79676	49.419	ug/L		0.00
21) 2-Butanone-d5	7.075	46	113021	113.132	ug/L		0.00
24) Chloroform-d	7.648	84	368120	51.153	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.301	65	213539	51.681	ug/L		0.00
32) Benzene-d6	8.270	84	714965	51.372	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	225510	50.973	ug/L		0.00
41) Toluene-d8	10.319	98	663347	53.873	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	95608	53.628	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	83645	122.132	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	181721	51.609	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	207019	51.351	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	114863	46.541	ug/L		99
3) Chloromethane	2.223	50	164958	49.153	ug/L		97
5) Vinyl chloride	2.381	62	181851	47.185	ug/L		100
6) Bromomethane	2.790	94	113953	49.194	ug/L		94
8) Chloroethane	2.930	64	119936	50.880	ug/L		99
9) Trichlorofluoromethane	3.265	101	161622	53.734	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	163727	52.397	ug/L	#	94
12) 1,1-Dichloroethene	4.045	96	148169	53.005	ug/L		96
13) Acetone	4.119	43	92919	109.445	ug/L		93
14) Carbon disulfide	4.393	76	450126	49.328	ug/L		100
15) Methyl Acetate	4.667	43	94458	56.043	ug/L		99
16) Methylene chloride	4.917	84	174048	41.029	ug/L		92
17) trans-1,2-Dichloroethene	5.429	96	164039	52.842	ug/L		93
18) Methyl tert-butyl Ether	5.423	73	286341	57.679	ug/L		99
19) 1,1-Dichloroethane	6.216	63	345879	51.587	ug/L		97
20) cis-1,2-Dichloroethene	7.167	96	186133	54.373	ug/L		95
22) 2-Butanone	7.167	43	135462	116.701	ug/L		99
23) Bromochloromethane	7.514	128	77998	51.182	ug/L		95
25) Chloroform	7.673	83	348618	53.248	ug/L		99
27) 1,2-Dichloroethane	8.398	62	255123	52.836	ug/L		100
29) Cyclohexane	7.953	56	300412	57.350	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	263736	51.762	ug/L		98
31) Carbon tetrachloride	8.069	117	243058	52.221	ug/L		97
33) Benzene	8.325	78	720113	52.305	ug/L		100
34) Trichloroethene	9.093	95	187963	51.174	ug/L		97
35) Methylcyclohexane	9.331	83	321572	55.668	ug/L		97
37) 1,2-Dichloropropane	9.368	63	204176	52.756	ug/L		98
38) Bromodichloromethane	9.642	83	250003	52.855	ug/L		95
39) cis-1,3-Dichloropropene	10.069	75	313547	57.336	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	286695	119.567	ug/L		98
42) Toluene	10.386	91	768971	54.331	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	269720	58.412	ug/L		100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 19 00:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	141708	52.595	ug/L		96
46) Tetrachloroethene	10.855	164	134560	52.406	ug/L		91
48) 2-Hexanone	10.965	43	208677	122.650	ug/L		99
49) Dibromochloromethane	11.130	129	154926	55.007	ug/L		100
50) 1,2-Dibromoethane	11.233	107	131561	54.396	ug/L		96
51) Chlorobenzene	11.654	112	482484	52.496	ug/L		99
52) Ethylbenzene	11.727	91	903160	56.216	ug/L		99
53) m,p-Xylene	11.837	106	332329	56.631	ug/L		92
54) o-Xylene	12.160	106	314940	57.424	ug/L		89
55) Styrene	12.178	104	548570	57.366	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.709	83	180641	54.201	ug/L		98
59) Bromoform	12.349	173	84553	53.117	ug/L		96
60) Isopropylbenzene	12.459	105	870759	56.266	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	133026	52.511	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	662050	59.070	ug/L		98
63) 1,2,4-Trimethylbenzene	13.245	105	720784	59.771	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	366630	54.744	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	363852	51.063	ug/L		100
67) 1,2-Dichlorobenzene	13.867	146	330149	53.324	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.483	75	30763	52.037	ug/L	#	84
69) 1,3,5-Trichlorobenzene	14.623	180	240980	53.315	ug/L		95
70) 1,2,4-trichlorobenzene	15.123	180	199093	54.338	ug/L		99
71) Naphthalene	15.360	128	460002	63.610	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	187672	56.215	ug/L		98

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

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