Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
Data File : VW028083.D
Acq On : 29 Feb 2024 10:51
Operator : SY/MD
Sample : VSTD00517
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD005417

Quant Time: Mar 01 00:22:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 01 00:20:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	256090	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	228096	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118037	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	16127	5.275	ug/L		0.00
7) Chloroethane-d5	2.899	69	11475	4.846	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	6243	5.000	ug/L		0.00
21) 2-Butanone-d5	7.093	46	3628	8.320	ug/L		0.01
24) Chloroform-d	7.648	84	25518	4.705	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	11985	4.748	ug/L		0.00
32) Benzene-d6	8.276	84	51232	4.811	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	13031	4.737	ug/L		0.00
41) Toluene-d8	10.325	98	47227	4.706	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	5323	4.415	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	3062	7.902	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10110	4.656	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	15538	4.426	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	12754	4.896	ug/L		94
3) Chloromethane	2.222	50	12428	4.996	ug/L		99
5) Vinyl chloride	2.375	62	17922	5.170	ug/L		99
6) Bromomethane	2.795	94	13670	4.943	ug/L		96
8) Chloroethane	2.942	64	11363	5.219	ug/L		97
9) Trichlorofluoromethane	3.277	101	15451	4.778	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	16596	4.937	ug/L	#	77
12) 1,1-Dichloroethene	4.051	96	16225	5.097	ug/L		95
13) Acetone	4.124	43	4836	7.988	ug/L		67
14) Carbon disulfide	4.393	76	49812	5.137	ug/L		99
15) Methyl Acetate	4.679	43	4207	4.883	ug/L	#	73
16) Methylene chloride	4.923	84	22036	6.255	ug/L		95
17) trans-1,2-Dichloroethene	5.435	96	17460	5.133	ug/L		97
18) Methyl tert-butyl Ether	5.429	73	21040	5.051	ug/L	#	86
19) 1,1-Dichloroethane	6.222	63	27831	5.174	ug/L		97
20) cis-1,2-Dichloroethene	7.173	96	18524	5.174	ug/L		98
22) 2-Butanone	7.179	43	5623	8.260	ug/L		82
23) Bromochloromethane	7.520	128	8312	4.946	ug/L		99
25) Chloroform	7.679	83	30682	5.107	ug/L		99
27) 1,2-Dichloroethane	8.404	62	18398	5.150	ug/L		96
29) Cyclohexane	7.959	56	22203	5.062	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	26996	5.301	ug/L		99
31) Carbon tetrachloride	8.075	117	24463	5.144	ug/L		97
33) Benzene	8.325	78	65534	5.318	ug/L		100
34) Trichloroethene	9.087	95	19251	5.332	ug/L		96
35) Methylcyclohexane	9.331	83	28249	4.834	ug/L		96
37) 1,2-Dichloropropane	9.367	63	15386	5.362	ug/L		99
38) Bromodichloromethane	9.642	83	21697	5.235	ug/L		100
39) cis-1,3-Dichloropropene	10.075	75	22540	4.776	ug/L		95
40) 4-Methyl-2-pentanone	10.209	43	11043	9.689	ug/L		96
42) Toluene	10.386	91	72785	5.227	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	18184	4.743	ug/L		96

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Quant Title : SFAM01.0
QLast Update : Fri Mar 01 00:20:35 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	12587	5.230	ug/L		96
46) Tetrachloroethene	10.861	164	15619	5.162	ug/L		87
48) 2-Hexanone	10.965	43	7940	8.616	ug/L		92
49) Dibromochloromethane	11.129	129	13790	4.929	ug/L		99
50) 1,2-Dibromoethane	11.233	107	11946	5.154	ug/L		95
51) Chlorobenzene	11.654	112	48485	5.219	ug/L		95
52) Ethylbenzene	11.727	91	81232	5.103	ug/L		97
53) m,p-Xylene	11.836	106	30805	4.987	ug/L		95
54) o-Xylene	12.160	106	29405	5.030	ug/L		96
55) Styrene	12.178	104	51476	5.164	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.708	83	13364	5.150	ug/L	#	98
59) Bromoform	12.349	173	8315	4.969	ug/L	#	93
60) Isopropylbenzene	12.458	105	80783	4.989	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	9134	5.034	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	51059	4.809	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	60991	4.817	ug/L		95
64) 1,3-Dichlorobenzene	13.495	146	39178	5.235	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	40059	5.302	ug/L		98
67) 1,2-Dichlorobenzene	13.861	146	35680	5.293	ug/L		89
68) 1,2-Dibromo-3-chloropr...	14.476	75	1752	4.597	ug/L	#	76
69) 1,3,5-Trichlorobenzene	14.623	180	28724	5.201	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	22901	5.163	ug/L		97
71) Naphthalene	15.360	128	34140	4.706	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	18754	5.056	ug/L		96

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

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