Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
Data File : VW023568.D
Acq On : 07 Jul 2022 10:48
Operator : SY/VA
Sample : VSTD00543
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 07 12:22:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 07 12:22:19 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD005443

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/08/2022
Supervised By :Mahesh Dadoda 07/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	305955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	290352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	150077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	28254	6.167	ug/L	0.00
7) Chloroethane-d5	2.879	69	14240	4.703	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	30689m	5.499	ug/L	0.00
21) 2-Butanone-d5	7.092	46	11380m	10.171	ug/L	0.01
24) Chloroform-d	7.647	84	45000	5.303	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	24509	5.208	ug/L	0.00
32) Benzene-d6	8.275	84	80226	5.041	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23960	5.109	ug/L	0.00
41) Toluene-d8	10.323	98	76731	4.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10233	4.916	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	7675	8.502	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22054	4.840	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25124	4.535	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	4495	3.402	ug/L	99
3) Chloromethane	2.215	50	15203	3.998	ug/L	100
5) Vinyl chloride	2.355	62	28288	5.328	ug/L	97
6) Bromomethane	2.770	94	15617	4.632	ug/L	93
8) Chloroethane	2.910	64	9733	4.252	ug/L	87
9) Trichlorofluoromethane	3.245	101	9193	3.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	21128	5.442	ug/L	99
12) 1,1-Dichloroethene	4.038	96	16520	5.131	ug/L	97
13) Acetone	4.129	43	8095	10.325	ug/L	78
14) Carbon disulfide	4.379	76	40616	4.654	ug/L	98
15) Methyl Acetate	4.678	43	9395	5.199	ug/L #	88
16) Methylene chloride	4.915	84	25547	5.613	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	18564	4.625	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	30198m	5.082	ug/L	
19) 1,1-Dichloroethane	6.220	63	37053	5.212	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	21360	4.880	ug/L	96
22) 2-Butanone	7.177	43	12161	9.372	ug/L	96
23) Bromochloromethane	7.513	128	10925	4.998	ug/L	94
25) Chloroform	7.677	83	43006	5.390	ug/L	98
27) 1,2-Dichloroethane	8.403	62	27619	5.228	ug/L	98
29) Cyclohexane	7.952	56	24383	4.292	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	34000	5.208	ug/L	100
31) Carbon tetrachloride	8.061	117	30715	5.185	ug/L	97
33) Benzene	8.323	78	83911	4.968	ug/L	100
34) Trichloroethene	9.092	95	22012	4.891	ug/L	94
35) Methylcyclohexane	9.335	83	31986	4.493	ug/L	95
37) 1,2-Dichloropropane	9.366	63	21645	5.291	ug/L	97
38) Bromodichloromethane	9.646	83	30481	5.166	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	28702	4.505	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	25688	9.442	ug/L	97
42) Toluene	10.384	91	90225	4.814	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	26876	4.562	ug/L	93

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18367	5.212	ug/L		96
46) Tetrachloroethene	10.860	164	17619	4.865	ug/L		91
48) 2-Hexanone	10.969	43	15902	8.490	ug/L		95
49) Dibromochloromethane	11.128	129	19712	4.617	ug/L		92
50) 1,2-Dibromoethane	11.231	107	16588	4.744	ug/L		98
51) Chlorobenzene	11.652	112	63016	4.924	ug/L		97
52) Ethylbenzene	11.731	91	97932	4.665	ug/L		100
53) m,p-Xylene	11.835	106	38025	4.607	ug/L		98
54) o-Xylene	12.164	106	34112	4.358	ug/L		93
55) Styrene	12.176	104	59888	4.374	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.713	83	23284	5.128	ug/L		89
59) Bromoform	12.347	173	10186	4.394	ug/L	#	92
60) Isopropylbenzene	12.463	105	95288	4.652	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	16978	5.362	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	77846	4.542	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	76799	4.468	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	45804	4.639	ug/L		97
65) 1,4-Dichlorobenzene	13.572	146	48069	4.794	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	44121	4.889	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.481	75	4303	5.890	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.621	180	32032	4.923	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	22985	4.347	ug/L		95
71) Naphthalene	15.359	128	43613	3.924	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	21068	4.318	ug/L		97

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

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