Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
Data File : VW030280.D
Acq On : 27 Sep 2024 15:13
Operator : SY/MD
Sample : VSTD00504
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 28 01:45:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 28 01:44:30 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD005404

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/30/2024
Supervised By :Semsettin Yesilyurt 09/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	198271	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	177556	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	89780	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	8135	5.251	ug/L		0.00
7) Chloroethane-d5	2.905	69	6053m	5.369	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	5598	4.950	ug/L		0.00
21) 2-Butanone-d5	7.093	46	6035m	9.686	ug/L		0.02
24) Chloroform-d	7.654	84	25420	4.772	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.307	65	13251	4.766	ug/L		0.00
32) Benzene-d6	8.276	84	48529	4.877	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	14330	4.788	ug/L		0.00
41) Toluene-d8	10.325	98	43679	4.787	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	5885	4.727	ug/L		0.00
47) 2-Hexanone-d5	10.928	63	4276	8.652	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	11021	4.928	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	14136	4.742	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	11477m	5.296	ug/L		
3) Chloromethane	2.222	50	9292	5.473	ug/L		95
5) Vinyl chloride	2.381	62	9696	5.372	ug/L		98
6) Bromomethane	2.783	94	6297	5.242	ug/L		87
8) Chloroethane	2.930	64	4836	4.849	ug/L		100
9) Trichlorofluoromethane	3.277	101	11287	4.855	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	12836m	5.417	ug/L		
12) 1,1-Dichloroethene	4.051	96	11482	4.985	ug/L		95
13) Acetone	4.124	43	6130	9.151	ug/L		78
14) Carbon disulfide	4.393	76	40272	5.257	ug/L	#	95
15) Methyl Acetate	4.673	43	5371	4.982	ug/L	#	54
16) Methylene chloride	4.917	84	16460m	5.394	ug/L		
17) trans-1,2-Dichloroethene	5.429	96	13670	5.112	ug/L		96
18) Methyl tert-butyl Ether	5.429	73	21281	5.004	ug/L		99
19) 1,1-Dichloroethane	6.228	63	25720	5.051	ug/L		96
20) cis-1,2-Dichloroethene	7.173	96	14836	5.022	ug/L		94
22) 2-Butanone	7.173	43	7974	9.277	ug/L		94
23) Bromochloromethane	7.520	128	6475	5.020	ug/L		92
25) Chloroform	7.685	83	26823	5.079	ug/L		100
27) 1,2-Dichloroethane	8.398	62	17579	5.019	ug/L		98
29) Cyclohexane	7.959	56	20690	5.286	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	21593	5.250	ug/L		99
31) Carbon tetrachloride	8.069	117	19237	5.233	ug/L		95
33) Benzene	8.325	78	57803	5.345	ug/L		100
34) Trichloroethene	9.093	95	15005	5.216	ug/L		95
35) Methylcyclohexane	9.337	83	24051	5.448	ug/L		99
37) 1,2-Dichloropropane	9.367	63	15283	5.356	ug/L		99
38) Bromodichloromethane	9.648	83	18421	5.142	ug/L		96
39) cis-1,3-Dichloropropene	10.069	75	20978	4.795	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	14775	10.067	ug/L		98
42) Toluene	10.386	91	60297	5.208	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	17658	4.871	ug/L		98

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Quant Title : SFAM01.0
QLast Update : Sat Sep 28 01:44:30 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	10406	5.175	ug/L		99
46) Tetrachloroethene	10.861	164	11607	5.395	ug/L		94
48) 2-Hexanone	10.971	43	10737	9.935	ug/L		95
49) Dibromochloromethane	11.129	129	11274	4.982	ug/L		89
50) 1,2-Dibromoethane	11.233	107	9884	5.195	ug/L		84
51) Chlorobenzene	11.654	112	39726	5.310	ug/L		97
52) Ethylbenzene	11.727	91	67402	5.139	ug/L		99
53) m,p-Xylene	11.836	106	25593	5.227	ug/L		91
54) o-Xylene	12.166	106	23911	5.131	ug/L		92
55) Styrene	12.178	104	39508	4.970	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.714	83	12801	5.436	ug/L	#	98
59) Bromoform	12.349	173	6406	4.925	ug/L	#	98
60) Isopropylbenzene	12.464	105	65611	5.149	ug/L		98
61) 1,2,3-Trichloropropane	12.763	75	9010	5.279	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	50915	4.940	ug/L		99
63) 1,2,4-Trimethylbenzene	13.251	105	50557	4.964	ug/L		96
64) 1,3-Dichlorobenzene	13.495	146	29535	5.186	ug/L		86
65) 1,4-Dichlorobenzene	13.574	146	30662	5.271	ug/L		90
67) 1,2-Dichlorobenzene	13.867	146	26529	5.225	ug/L	#	86
68) 1,2-Dibromo-3-chloropr...	14.482	75	2070	5.293	ug/L		93
69) 1,3,5-Trichlorobenzene	14.623	180	20517	5.220	ug/L		98
70) 1,2,4-trichlorobenzene	15.122	180	16215	4.983	ug/L		98
71) Naphthalene	15.360	128	28634	4.810	ug/L		98
72) 1,2,3-Trichlorobenzene	15.549	180	14728	5.170	ug/L		97

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

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