Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
Data File : VW028562.D
Acq On : 02 May 2024 10:12
Operator : SY/MD
Sample : VSTD2.534
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 03 02:39:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 02:39:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5434

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/06/2024
Supervised By :Semsettin Yesilyurt 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	230637	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	210856	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101508	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.369	65	10741	2.452	ug/L		0.00
7) Chloroethane-d5	2.899	69	8096	2.414	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	65	4365	2.385	ug/L		0.00
21) 2-Butanone-d5	7.093	46	6074m	5.690	ug/L		0.02
24) Chloroform-d	7.648	84	18028	2.502	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.313	65	10614	2.573	ug/L		0.00
32) Benzene-d6	8.276	84	33612	2.389	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	10490	2.478	ug/L		0.00
41) Toluene-d8	10.318	98	28537	2.291	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.581	79	3782	2.221	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	3196	4.377	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9110	2.566	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	9357	2.419	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	7885	2.353	ug/L		91
3) Chloromethane	2.222	50	10620	2.558	ug/L		99
5) Vinyl chloride	2.375	62	12538	2.682	ug/L		96
6) Bromomethane	2.795	94	6959	2.591	ug/L		92
8) Chloroethane	2.936	64	6387	2.419	ug/L		86
9) Trichlorofluoromethane	3.271	101	9719	2.532	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	9928m	2.883	ug/L		
12) 1,1-Dichloroethene	4.045	96	8289	2.611	ug/L		95
13) Acetone	4.131	43	6115	6.066	ug/L		87
14) Carbon disulfide	4.393	76	27401	2.554	ug/L		98
15) Methyl Acetate	4.673	43	4563	2.531	ug/L	#	90
16) Methylene chloride	4.923	84	11274	3.174	ug/L		97
17) trans-1,2-Dichloroethene	5.435	96	8672	2.624	ug/L		98
18) Methyl tert-butyl Ether	5.429	73	12322	2.527	ug/L	#	76
19) 1,1-Dichloroethane	6.222	63	17442	2.662	ug/L		92
20) cis-1,2-Dichloroethene	7.179	96	8653	2.502	ug/L		94
22) 2-Butanone	7.179	43	8033m	6.608	ug/L		
23) Bromochloromethane	7.514	128	4208	2.789	ug/L		94
25) Chloroform	7.679	83	16612	2.621	ug/L		93
27) 1,2-Dichloroethane	8.398	62	12677	2.751	ug/L	#	95
29) Cyclohexane	7.959	56	13527	2.250	ug/L		95
30) 1,1,1-Trichloroethane	7.880	97	13572	2.569	ug/L		98
31) Carbon tetrachloride	8.075	117	12627	2.621	ug/L		97
33) Benzene	8.325	78	34665	2.535	ug/L		100
34) Trichloroethene	9.093	95	9463	2.581	ug/L		92
35) Methylcyclohexane	9.337	83	14929	2.330	ug/L		93
37) 1,2-Dichloropropane	9.367	63	9443m	2.685	ug/L		
38) Bromodichloromethane	9.648	83	10853	2.499	ug/L		99
39) cis-1,3-Dichloropropene	10.075	75	11143	2.182	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	11442	4.719	ug/L		98
42) Toluene	10.386	91	34189	2.421	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	9481	2.202	ug/L		99

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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	10.788	97	6814	2.640	ug/L		93
46) Tetrachloroethene	10.861	164	6893	2.609	ug/L		96
48) 2-Hexanone	10.965	43	7432	4.341	ug/L		96
49) Dibromochloromethane	11.123	129	6295	2.432	ug/L		100
50) 1,2-Dibromoethane	11.239	107	6198	2.564	ug/L		90
51) Chlorobenzene	11.654	112	22677	2.596	ug/L		96
52) Ethylbenzene	11.727	91	38319	2.398	ug/L		93
53) m,p-Xylene	11.836	106	13942	2.380	ug/L		92
54) o-Xylene	12.160	106	11945	2.204	ug/L		93
55) Styrene	12.178	104	20246	2.205	ug/L		91
57) 1,1,2,2-Tetrachloroethane	12.708	83	8479	2.618	ug/L		97
59) Bromoform	12.342	173	3681	2.486	ug/L	#	96
60) Isopropylbenzene	12.464	105	33826	2.196	ug/L		97
61) 1,2,3-Trichloropropane	12.769	75	6708	2.734	ug/L		97
62) 1,3,5-Trimethylbenzene	12.940	105	23456	2.153	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	24461	2.084	ug/L		95
64) 1,3-Dichlorobenzene	13.495	146	16202	2.529	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	16626	2.538	ug/L		89
67) 1,2-Dichlorobenzene	13.867	146	14439	2.518	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.476	75	1643	2.865	ug/L		90
69) 1,3,5-Trichlorobenzene	14.623	180	10849	2.524	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	8134	2.342	ug/L		97
71) Naphthalene	15.360	128	15497	2.094	ug/L	#	95
72) 1,2,3-Trichlorobenzene	15.543	180	7901	2.521	ug/L		97

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

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