Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
Data File : VW024863.D
Acq On : 12 Oct 2022 10:27
Operator : SY/VA
Sample : VSTD2.555
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 12 22:47:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 12 22:46:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5455

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2022
Supervised By :Mahesh Dadoda 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	436335	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	401054	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	185468	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	14920	2.898	ug/L		0.00
7) Chloroethane-d5	2.885	69	8332	2.764	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	30799	2.752	ug/L		0.00
21) 2-Butanone-d5	7.080	46	8086	4.957	ug/L		0.00
24) Chloroform-d	7.653	84	34721	2.821	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	18842	2.925	ug/L		0.00
32) Benzene-d6	8.268	84	71531	2.844	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.268	67	21954	2.846	ug/L		0.00
41) Toluene-d8	10.323	98	63062	2.794	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	7098	2.426	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	6192	4.788	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17231	2.864	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19801	2.921	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	3538m	1.785	ug/L		
3) Chloromethane	2.215	50	9556	2.102	ug/L		94
5) Vinyl chloride	2.361	62	13508	2.178	ug/L		97
6) Bromomethane	2.776	94	7132	2.367	ug/L		92
8) Chloroethane	2.916	64	5620	2.174	ug/L		89
9) Trichlorofluoromethane	3.257	101	7133	2.325	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	14924	2.389	ug/L	#	39
12) 1,1-Dichloroethene	4.044	96	13211	2.235	ug/L		92
13) Acetone	4.117	43	6835m	6.100	ug/L		
14) Carbon disulfide	4.385	76	42524	2.202	ug/L		99
15) Methyl Acetate	4.684	43	6320m	2.298	ug/L		
17) trans-1,2-Dichloroethene	5.421	96	14334	2.228	ug/L		86
18) Methyl tert-butyl Ether	5.428	73	21713	2.271	ug/L	#	79
19) 1,1-Dichloroethane	6.220	63	27552	2.314	ug/L		95
20) cis-1,2-Dichloroethene	7.177	96	15894m	2.287	ug/L		
22) 2-Butanone	7.177	43	9291	4.880	ug/L		85
23) Bromochloromethane	7.519	128	6500	2.285	ug/L		90
25) Chloroform	7.677	83	27279	2.335	ug/L		95
27) 1,2-Dichloroethane	8.403	62	17602	2.329	ug/L		98
29) Cyclohexane	7.958	56	24943	2.142	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	20739	2.249	ug/L		99
31) Carbon tetrachloride	8.067	117	17989	2.221	ug/L		95
33) Benzene	8.323	78	64220	2.354	ug/L		100
34) Trichloroethene	9.092	95	15783	2.297	ug/L		96
35) Methylcyclohexane	9.335	83	26848	2.171	ug/L		98
37) 1,2-Dichloropropane	9.366	63	15720	2.312	ug/L		100
38) Bromodichloromethane	9.640	83	18702	2.226	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	20056	2.041	ug/L		100
40) 4-Methyl-2-pentanone	10.213	43	18010	4.481	ug/L		98
42) Toluene	10.384	91	62997	2.252	ug/L		99
44) trans-1,3-Dichloropropene	10.610	75	15888	1.947	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	11247	2.368	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Tetrachloroethene	10.860	164	10557	2.260	ug/L		97
48) 2-Hexanone	10.969	43	12679	4.653	ug/L		93
49) Dibromochloromethane	11.128	129	11432	2.174	ug/L		94
50) 1,2-Dibromoethane	11.231	107	9935	2.220	ug/L	#	96
51) Chlorobenzene	11.652	112	41850	2.380	ug/L		97
52) Ethylbenzene	11.725	91	70369	2.246	ug/L		98
53) m,p-Xylene	11.841	106	26822	2.254	ug/L		83
54) o-Xylene	12.164	106	25014	2.207	ug/L		98
55) Styrene	12.176	104	41553	2.138	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	13142	2.268	ug/L		90
59) Bromoform	12.341	173	5263	2.121	ug/L		92
60) Isopropylbenzene	12.463	105	68920	2.304	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	9682	2.374	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	56906	2.215	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	54210	2.189	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	29308	2.405	ug/L		96
65) 1,4-Dichlorobenzene	13.572	146	29876	2.422	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	26318	2.430	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.487	75	2057	2.330	ug/L		91
69) 1,3,5-Trichlorobenzene	14.621	180	18948	2.382	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	14808	2.294	ug/L		99
71) Naphthalene	15.359	128	28842	2.062	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	12175	2.210	ug/L		97

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

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