Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
Data File : VW025811.D
Acq On : 03 May 2023 08:21
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:18:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 03 01:20:37 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025592

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/04/2023
Supervised By :Mahesh Dadoda 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	540001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	266995	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	235046	27.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.560%			
7) Chloroethane-d5	2.899	69	171369	26.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.760%			
11) 1,1-Dichloroethene-d2	4.021	65	110898	25.809	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.240%			
21) 2-Butanone-d5	7.075	46	114422	40.334	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.660%			
24) Chloroform-d	7.648	84	435715	24.953	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	8.301	65	233458	23.644	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.560%			
32) Benzene-d6	8.276	84	888653	25.185	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.760%			
36) 1,2-Dichloropropane-d6	9.270	67	274784	24.340	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.360%			
41) Toluene-d8	10.325	98	796798	25.324	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.280%			
43) trans-1,3-Dichloroprop...	10.575	79	104130	22.755	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.000%			
47) 2-Hexanone-d5	10.922	63	76396	39.685	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	194308	22.582	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.320%			
66) 1,2-Dichlorobenzene-d4	13.849	152	226885	23.311	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	185009m	27.346	ug/L	
3) Chloromethane	2.223	50	252001	25.262	ug/L	99
5) Vinyl chloride	2.375	62	277421	26.869	ug/L	99
6) Bromomethane	2.789	94	141733	25.239	ug/L	94
8) Chloroethane	2.936	64	153556	26.155	ug/L	99
9) Trichlorofluoromethane	3.271	101	194572	24.971	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	219404	25.891	ug/L	99
12) 1,1-Dichloroethene	4.045	96	206505	25.498	ug/L	95
13) Acetone	4.125	43	112817	44.850	ug/L	98
14) Carbon disulfide	4.387	76	700872	25.590	ug/L	100
15) Methyl Acetate	4.667	43	104895	21.161	ug/L	99
16) Methylene chloride	4.911	84	226537	18.140	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	217367	24.602	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	298439	22.256	ug/L	100
19) 1,1-Dichloroethane	6.216	63	448468	24.706	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	227921	24.045	ug/L	97
22) 2-Butanone	7.167	43	144605	41.633	ug/L	99
23) Bromochloromethane	7.514	128	96552	24.044	ug/L	97
25) Chloroform	7.673	83	409881	24.568	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	279511	23.590	ug/L	99
29) Cyclohexane	7.959	56	427404	25.541	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	334671	25.342	ug/L	99
31) Carbon tetrachloride	8.069	117	300896	25.318	ug/L	98
33) Benzene	8.325	78	940434	25.172	ug/L	100
34) Trichloroethene	9.087	95	236441	24.663	ug/L	94
35) Methylcyclohexane	9.337	83	436137	25.578	ug/L	100
37) 1,2-Dichloropropane	9.368	63	253765	24.792	ug/L	98
38) Bromodichloromethane	9.642	83	287447	24.478	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	360122	23.991	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	286559	43.011	ug/L	99
42) Toluene	10.386	91	972500	25.476	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	293313	23.583	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	160264	23.406	ug/L	98
46) Tetrachloroethene	10.861	164	166688	24.715	ug/L	97
48) 2-Hexanone	10.965	43	214079	44.853	ug/L	99
49) Dibromochloromethane	11.123	129	168572	23.781	ug/L	95
50) 1,2-Dibromoethane	11.233	107	146156	23.155	ug/L	98
51) Chlorobenzene	11.654	112	583034	24.654	ug/L	98
52) Ethylbenzene	11.727	91	1089843	25.380	ug/L	99
53) m,p-Xylene	11.837	106	405880	25.682	ug/L	94
54) o-Xylene	12.166	106	381595	25.617	ug/L	91
55) Styrene	12.178	104	649974	25.493	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	190309	22.275	ug/L	97
59) Bromoform	12.349	173	92103	23.289	ug/L	98
60) Isopropylbenzene	12.459	105	1060920	26.141	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139673	22.135	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	853235	26.543	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	774911	26.124	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	438595	25.104	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	422586	23.941	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	382449	24.546	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	29289	20.017	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	282277	24.340	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	225122	23.171	ug/L	98
71) Naphthalene	15.360	128	414442	22.601	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	204224	23.690	ug/L	99

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

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