Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042122\
Data File : VW022605.D
Acq On : 21 Apr 2022 15:50
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025496

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 22 01:18:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 22 01:17:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	315574	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	149857	21.481	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.920%			
7) Chloroethane-d5	2.891	69	102374	23.415	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.640%			
11) 1,1-Dichloroethene-d2	4.025	63	225065	24.873	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.480%			
21) 2-Butanone-d5	7.080	46	64281	52.777	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.560%			
24) Chloroform-d	7.653	84	258919	26.249	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.000%			
26) 1,2-Dichloroethane-d4	8.305	65	138982	24.661	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.640%			
32) Benzene-d6	8.275	84	483641	24.744	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.960%			
36) 1,2-Dichloropropane-d6	9.274	67	141608	25.035	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.160%			
41) Toluene-d8	10.323	98	479001	25.022	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.080%			
43) trans-1,3-Dichloroprop...	10.579	79	62144	23.279	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.120%			
47) 2-Hexanone-d5	10.927	63	55140	52.396	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.800%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132227	27.493	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.960%			
66) 1,2-Dichlorobenzene-d4	13.853	152	165556	25.600	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	31699	20.491	ug/L	97
3) Chloromethane	2.221	50	76030	19.713	ug/L	96
5) Vinyl chloride	2.367	62	163150	20.272	ug/L	98
6) Bromomethane	2.782	94	94311	19.277	ug/L	98
8) Chloroethane	2.928	64	76712	21.773	ug/L	100
9) Trichlorofluoromethane	3.263	101	85506	28.778	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	121106	25.597	ug/L	97
12) 1,1-Dichloroethene	4.050	96	108312	25.491	ug/L	83
13) Acetone	4.123	43	46344	55.885	ug/L	96
14) Carbon disulfide	4.391	76	267327	19.125	ug/L	99
15) Methyl Acetate	4.678	43	50999m	24.507	ug/L	
16) Methylene chloride	4.928	84	121909	25.673	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	120448	24.199	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	202442	24.903	ug/L	96
19) 1,1-Dichloroethane	6.220	63	219553	24.174	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	138098	26.269	ug/L #	89
22) 2-Butanone	7.171	43	71227	56.869	ug/L	97
23) Bromochloromethane	7.519	128	60993	26.959	ug/L	90
25) Chloroform	7.683	83	241598	25.257	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	161060	23.956	ug/L		97
29) Cyclohexane	7.958	56	183946	20.089	ug/L		94
30) 1,1,1-Trichloroethane	7.872	97	208915	23.541	ug/L		97
31) Carbon tetrachloride	8.067	117	195030	24.486	ug/L		98
33) Benzene	8.323	78	501849	23.105	ug/L		100
34) Trichloroethene	9.092	95	137250	23.600	ug/L		100
35) Methylcyclohexane	9.335	83	230908	22.130	ug/L		95
37) 1,2-Dichloropropane	9.366	63	122405	23.524	ug/L		100
38) Bromodichloromethane	9.646	83	178669	23.877	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	200605	24.295	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	156497	49.282	ug/L		94
42) Toluene	10.384	91	583955	23.462	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	178563	24.152	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	102163	25.725	ug/L		97
46) Tetrachloroethene	10.860	164	103277	24.158	ug/L		87
48) 2-Hexanone	10.969	43	109810	49.015	ug/L		94
49) Dibromochloromethane	11.128	129	128910	27.218	ug/L		99
50) 1,2-Dibromoethane	11.231	107	103586	26.416	ug/L		96
51) Chlorobenzene	11.652	112	378096	24.859	ug/L		97
52) Ethylbenzene	11.725	91	657255	23.559	ug/L		98
53) m,p-Xylene	11.835	106	264210	24.908	ug/L		88
54) o-Xylene	12.164	106	249293	24.593	ug/L		100
55) Styrene	12.176	104	435456	25.144	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	129916	26.653	ug/L		96
59) Bromoform	12.347	173	68747	25.339	ug/L		96
60) Isopropylbenzene	12.463	105	707261	23.319	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	95366	24.554	ug/L		98
62) 1,3,5-Trimethylbenzene	12.944	105	391904	23.496	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	595915	23.494	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	308598	25.070	ug/L		97
65) 1,4-Dichlorobenzene	13.572	146	302648	24.653	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	276626	25.129	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20953	23.261	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.627	180	207917	25.889	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	172048	25.508	ug/L		98
71) Naphthalene	15.359	128	362926	25.511	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	145951	25.315	ug/L		96

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

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