Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024432.D
Acq On : 28 Aug 2022 08:35
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 05:02:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 04:56:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	324498	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	173734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	170233	19.031	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.120%			
7) Chloroethane-d5	2.873	69	140879	21.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.080%			
11) 1,1-Dichloroethene-d2	4.007	63	186682	24.064	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.240%			
21) 2-Butanone-d5	7.074	46	81503	49.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.940%			
24) Chloroform-d	7.641	84	271925	26.066	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.280%			
26) 1,2-Dichloroethane-d4	8.299	65	160617	25.388	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.560%			
32) Benzene-d6	8.269	84	486609	26.519	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.080%			
36) 1,2-Dichloropropane-d6	9.268	67	156864	27.488	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.960%			
41) Toluene-d8	10.317	98	447299	25.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.560%			
43) trans-1,3-Dichloroprop...	10.573	79	59921	22.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.760%			
47) 2-Hexanone-d5	10.921	63	66023	51.700	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.400%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	164053	25.391	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	177408	27.117	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	51327	15.792	ug/L	100
3) Chloromethane	2.209	50	139347	22.948	ug/L	98
5) Vinyl chloride	2.355	62	213301	20.094	ug/L	98
6) Bromomethane	2.764	94	144945	19.453	ug/L	95
8) Chloroethane	2.904	64	118617	21.391	ug/L	97
9) Trichlorofluoromethane	3.245	101	80752	16.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	115835	24.194	ug/L	97
12) 1,1-Dichloroethene	4.025	96	101533	26.195	ug/L	89
13) Acetone	4.123	43	44709	45.472	ug/L	96
14) Carbon disulfide	4.373	76	302529	23.485	ug/L	99
15) Methyl Acetate	4.666	43	57729	24.001	ug/L	95
16) Methylene chloride	4.897	84	131235	24.114	ug/L	89
17) trans-1,2-Dichloroethene	5.409	96	121123	26.401	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	206883	27.540	ug/L	96
19) 1,1-Dichloroethane	6.208	63	225705	26.016	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	140276m	27.804	ug/L	
22) 2-Butanone	7.171	43	76243	43.462	ug/L	97
23) Bromochloromethane	7.507	128	65646	26.647	ug/L	91
25) Chloroform	7.671	83	257284	26.729	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	173230	24.724	ug/L		99
29) Cyclohexane	7.946	56	171319	24.812	ug/L		98
30) 1,1,1-Trichloroethane	7.860	97	191285	25.334	ug/L		97
31) Carbon tetrachloride	8.061	117	173419	25.105	ug/L		99
33) Benzene	8.317	78	543043	27.234	ug/L		100
34) Trichloroethene	9.086	95	134931	25.675	ug/L		95
35) Methylcyclohexane	9.329	83	197269	23.395	ug/L		99
37) 1,2-Dichloropropane	9.366	63	136216	26.471	ug/L		98
38) Bromodichloromethane	9.640	83	188766	26.937	ug/L		97
39) cis-1,3-Dichloropropene	10.067	75	184511	25.651	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	179822	49.143	ug/L		98
42) Toluene	10.384	91	589591	26.793	ug/L		100
44) trans-1,3-Dichloropropene	10.604	75	162586	23.261	ug/L		99
45) 1,1,2-Trichloroethane	10.780	97	110210	26.264	ug/L		98
46) Tetrachloroethene	10.860	164	96956	23.755	ug/L		91
48) 2-Hexanone	10.963	43	123580	45.787	ug/L		97
49) Dibromochloromethane	11.128	129	131852	26.566	ug/L		97
50) 1,2-Dibromoethane	11.232	107	104969	26.019	ug/L		91
51) Chlorobenzene	11.652	112	385900	26.127	ug/L		96
52) Ethylbenzene	11.725	91	645216	26.521	ug/L		93
53) m,p-Xylene	11.835	106	249604	26.124	ug/L		89
54) o-Xylene	12.164	106	243699	27.284	ug/L		100
55) Styrene	12.176	104	444383	28.146	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	143508	24.501	ug/L	#	97
59) Bromoform	12.347	173	72398	25.967	ug/L	#	97
60) Isopropylbenzene	12.463	105	639113	27.697	ug/L		100
61) 1,2,3-Trichloropropane	12.762	75	101045	25.719	ug/L		98
62) 1,3,5-Trimethylbenzene	12.939	105	544018	29.239	ug/L		98
63) 1,2,4-Trimethylbenzene	13.243	105	533411	29.515	ug/L		98
64) 1,3-Dichlorobenzene	13.493	146	282860	25.639	ug/L		96
65) 1,4-Dichlorobenzene	13.573	146	304725	26.162	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	274131	26.507	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22178	22.468	ug/L		99
69) 1,3,5-Trichlorobenzene	14.627	180	166085	23.324	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	131845	23.818	ug/L		93
71) Naphthalene	15.359	128	331396	27.259	ug/L		98
72) 1,2,3-Trichlorobenzene	15.548	180	135408	25.882	ug/L		99

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

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