Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
Data File : VW024329.D
Acq On : 24 Aug 2022 18:15
Operator : SY/VA
Sample : N4322-03MSD
Misc : 5.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 25 01:34:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 25 01:31:24 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EY163MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

08/25/2022
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	265387	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	229574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	152085	27.416	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.680%			
7) Chloroethane-d5	2.873	69	122803	35.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.160%			
11) 1,1-Dichloroethene-d2	4.007	63	135625	21.453	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.800%			
21) 2-Butanone-d5	7.080	46	58247	56.439	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.880%			
24) Chloroform-d	7.647	84	220230	27.426	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.720%			
26) 1,2-Dichloroethane-d4	8.305	65	125533	28.158	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.640%			
32) Benzene-d6	8.275	84	377874	27.909	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.640%			
36) 1,2-Dichloropropane-d6	9.274	67	128216	32.074	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 128.280%#			
41) Toluene-d8	10.323	98	332052	26.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.960%			
43) trans-1,3-Dichloroprop...	10.579	79	45941	26.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.960%			
47) 2-Hexanone-d5	10.920	63	48374	65.514	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.020%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126681	32.663	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 130.640%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	76169	25.127	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	61308	26.258	ug/L	98
3) Chloromethane	2.209	50	104386	23.839	ug/L	97
5) Vinyl chloride	2.349	62	195625	32.093	ug/L	100
6) Bromomethane	2.763	94	111121	31.794	ug/L	89
8) Chloroethane	2.910	64	101064	37.850	ug/L	97
9) Trichlorofluoromethane	3.245	101	75830	26.243	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	88434	22.692	ug/L	93
12) 1,1-Dichloroethene	4.025	96	71181	22.310	ug/L	88
13) Acetone	4.123	43	46949	61.789	ug/L	66
14) Carbon disulfide	4.367	76	150595	14.750	ug/L	100
15) Methyl Acetate	4.666	43	39472m	23.064	ug/L	
16) Methylene chloride	4.909	84	95169	20.335	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	78832	21.395	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	164618	31.332	ug/L	97
19) 1,1-Dichloroethane	6.208	63	182053	28.050	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	98234	24.277	ug/L #	89
22) 2-Butanone	7.171	43	73090	57.085	ug/L	94
23) Bromochloromethane	7.506	128	46924	23.285	ug/L	84
25) Chloroform	7.671	83	206945	28.936	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	139749	29.039	ug/L		99
29) Cyclohexane	7.952	56	128853	27.377	ug/L		97
30) 1,1,1-Trichloroethane	7.866	97	161187	31.134	ug/L		97
31) Carbon tetrachloride	8.061	117	136500	27.947	ug/L		97
33) Benzene	8.323	78	425023	31.346	ug/L		100
34) Trichloroethene	9.092	95	95817	26.736	ug/L		94
35) Methylcyclohexane	9.335	83	134489	23.930	ug/L		96
37) 1,2-Dichloropropane	9.366	63	114849	34.265	ug/L		99
38) Bromodichloromethane	9.640	83	153235	32.596	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	143534	29.108	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	159529	71.715	ug/L		95
42) Toluene	10.384	91	441450	30.638	ug/L		96
44) trans-1,3-Dichloropropene	10.603	75	127190	28.229	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	88789	31.429	ug/L		97
46) Tetrachloroethene	10.860	164	67531	23.275	ug/L		84
48) 2-Hexanone	10.969	43	118596	78.559	ug/L	#	91
49) Dibromochloromethane	11.128	129	99491	29.253	ug/L		99
50) 1,2-Dibromoethane	11.231	107	73470	27.144	ug/L	#	99
51) Chlorobenzene	11.658	112	247030	25.093	ug/L		96
52) Ethylbenzene	11.731	91	461265	29.219	ug/L		99
53) m,p-Xylene	11.835	106	173822	28.287	ug/L		99
54) o-Xylene	12.164	106	169109	29.130	ug/L		92
55) Styrene	12.176	104	260712	25.822	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	108444	30.715	ug/L		98
59) Bromoform	12.347	173	49125	38.878	ug/L		95
60) Isopropylbenzene	12.463	105	471125	46.980	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	75973	46.084	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	348717	42.079	ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	320131	39.224	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	127509	25.966	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	125195	24.076	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	120398	25.819	ug/L	#	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	14471	37.570	ug/L		84
69) 1,3,5-Trichlorobenzene	14.621	180	53469	16.605	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	26848	10.411	ug/L		98
71) Naphthalene	15.365	128	55931	11.135	ug/L		97
72) 1,2,3-Trichlorobenzene	15.542	180	23280	9.916	ug/L		89

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

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