Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062624\
Data File : VW029366.D
Acq On : 26 Jun 2024 19:24
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2024
Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 07:41:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 27 05:32:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	266859	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	66357	17.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.880%			
7) Chloroethane-d5	2.899	69	60244	19.314	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.240%			
11) 1,1-Dichloroethene-d2	4.021	65	33908	19.013	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.040%			
21) 2-Butanone-d5	7.075	46	61484	55.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.280%			
24) Chloroform-d	7.648	84	181469	22.796	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	8.307	65	105933	23.177	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.720%			
32) Benzene-d6	8.276	84	342349	22.925	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.680%			
36) 1,2-Dichloropropane-d6	9.270	67	111411	23.469	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.880%			
41) Toluene-d8	10.319	98	303376	22.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.840%			
43) trans-1,3-Dichloroprop...	10.575	79	44548	23.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.160%			
47) 2-Hexanone-d5	10.922	63	44022	59.156	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.320%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96798	25.620	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	107220	24.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	37395	14.363	ug/L	92
3) Chloromethane	2.223	50	68030	18.326	ug/L	99
5) Vinyl chloride	2.375	62	76408	17.923	ug/L	99
6) Bromomethane	2.789	94	47380	18.491	ug/L	94
8) Chloroethane	2.936	64	50991	19.555	ug/L	99
9) Trichlorofluoromethane	3.265	101	66321	20.066	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	72147	19.798	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	65134	21.065	ug/L	88
13) Acetone	4.125	43	39306	41.854	ug/L	96
14) Carbon disulfide	4.393	76	187759	18.601	ug/L	100
15) Methyl Acetate	4.673	43	44835	24.048	ug/L	99
16) Methylene chloride	4.923	84	88988	18.964	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	74787	21.779	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	133073	24.222	ug/L	98
19) 1,1-Dichloroethane	6.216	63	166476	22.447	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88462	23.361	ug/L	97
22) 2-Butanone	7.173	43	61333	47.643	ug/L	100
23) Bromochloromethane	7.514	128	37375	22.172	ug/L	97
25) Chloroform	7.673	83	165484	22.850	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Thu Jun 27 05:32:27 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117746	22.045	ug/L	100
29) Cyclohexane	7.959	56	120900	21.510	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	123458	22.582	ug/L	97
31) Carbon tetrachloride	8.063	117	106457m	21.316	ug/L	
33) Benzene	8.325	78	341113	23.091	ug/L	100
34) Trichloroethene	9.093	95	85838	21.779	ug/L	94
35) Methylcyclohexane	9.337	83	132431	21.365	ug/L	97
37) 1,2-Dichloropropane	9.368	63	97937	23.593	ug/L	99
38) Bromodichloromethane	9.642	83	116664	22.986	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	140671	23.973	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	133809	52.008	ug/L	99
42) Toluene	10.386	91	357687	23.552	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	117878	23.791	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67366	23.301	ug/L	95
46) Tetrachloroethene	10.861	164	60442	21.938	ug/L	91
48) 2-Hexanone	10.965	43	92484	50.658	ug/L	98
49) Dibromochloromethane	11.123	129	71754	23.743	ug/L	95
50) 1,2-Dibromoethane	11.233	107	61949	23.871	ug/L	98
51) Chlorobenzene	11.654	112	225921	22.908	ug/L	98
52) Ethylbenzene	11.727	91	406467	23.578	ug/L	95
53) m,p-Xylene	11.837	106	153489	24.376	ug/L	97
54) o-Xylene	12.160	106	147155	25.005	ug/L	96
55) Styrene	12.178	104	254015	24.756	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	86056	24.064	ug/L	98
59) Bromoform	12.343	173	39846	23.288	ug/L	99
60) Isopropylbenzene	12.458	105	400886	24.100	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63260	23.232	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	300064	24.908	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	319632	24.660	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	179613	24.951	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	177520	23.178	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	157484	23.665	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14120	22.221	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	113052	23.270	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	92973	23.608	ug/L	98
71) Naphthalene	15.360	128	199169	25.624	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85772	23.903	ug/L	95

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

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