Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122222\
Data File : VW025169.D
Acq On : 22 Dec 2022 19:45
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Quant Time: Dec 23 00:48:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 23 00:42:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	275971	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	254716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51215	16.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.400%			
7) Chloroethane-d5	2.879	69	36385	17.713	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.840%			
11) 1,1-Dichloroethene-d2	4.013	63	153759	22.061	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.240%			
21) 2-Butanone-d5	7.080	46	38863	48.660	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.320%			
24) Chloroform-d	7.647	84	178802	25.100	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	8.305	65	102378	28.340	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.360%			
32) Benzene-d6	8.269	84	328386	21.984	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.920%			
36) 1,2-Dichloropropane-d6	9.275	67	91055	20.949	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.800%			
41) Toluene-d8	10.323	98	311856	23.026	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.120%			
43) trans-1,3-Dichloroprop...	10.573	79	42963	23.400	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.600%			
47) 2-Hexanone-d5	10.921	63	33969	53.268	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.540%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	77387	24.111	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.440%			
66) 1,2-Dichlorobenzene-d4	13.853	152	110481	25.350	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	40808	24.399	ug/L	99
3) Chloromethane	2.209	50	48421	16.442	ug/L	99
5) Vinyl chloride	2.361	62	66038	17.925	ug/L	98
6) Bromomethane	2.776	94	37672	19.734	ug/L	93
8) Chloroethane	2.916	64	31642	18.569	ug/L	97
9) Trichlorofluoromethane	3.257	101	68642	24.862	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	82797	22.703	ug/L	98
12) 1,1-Dichloroethene	4.038	96	78513	22.581	ug/L	99
13) Acetone	4.123	43	31841	38.784	ug/L	93
14) Carbon disulfide	4.379	76	234496	21.126	ug/L	99
15) Methyl Acetate	4.666	43	32640	24.358	ug/L	93
16) Methylene chloride	4.916	84	93272	21.624	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	87892	23.846	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	147434	26.957	ug/L	96
19) 1,1-Dichloroethane	6.214	63	158232	23.758	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	98622	25.304	ug/L	92
22) 2-Butanone	7.165	43	44739	43.316	ug/L	98
23) Bromochloromethane	7.513	128	43264	26.233	ug/L	95
25) Chloroform	7.677	83	182523	27.082	ug/L	99

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Quant Title : SFAM01.0
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.397	62	127469	30.039	ug/L		95
29)	Cyclohexane	7.952	56	130201	20.187	ug/L		93
30)	1,1,1-Trichloroethane	7.872	97	158276	26.323	ug/L		99
31)	Carbon tetrachloride	8.067	117	143047	25.874	ug/L		100
33)	Benzene	8.324	78	370054	23.453	ug/L		100
34)	Trichloroethene	9.092	95	98325	23.789	ug/L		94
35)	Methylcyclohexane	9.336	83	156991	21.414	ug/L		98
37)	1,2-Dichloropropane	9.366	63	87986	23.119	ug/L	#	97
38)	Bromodichloromethane	9.640	83	136591	27.168	ug/L		99
39)	cis-1,3-Dichloropropene	10.073	75	147319	25.334	ug/L		97
40)	4-Methyl-2-pentanone	10.207	43	102117	52.343	ug/L		98
42)	Toluene	10.384	91	404876	24.490	ug/L		98
44)	trans-1,3-Dichloropropene	10.604	75	131900	26.486	ug/L		99
45)	1,1,2-Trichloroethane	10.780	97	70225	25.857	ug/L		95
46)	Tetrachloroethene	10.860	164	72813	24.200	ug/L		96
48)	2-Hexanone	10.963	43	69850	49.018	ug/L		98
49)	Dibromochloromethane	11.128	129	90240	27.666	ug/L		89
50)	1,2-Dibromoethane	11.232	107	67322	26.624	ug/L		93
51)	Chlorobenzene	11.658	112	261928	24.756	ug/L		97
52)	Ethylbenzene	11.725	91	460054	24.555	ug/L		99
53)	m,p-Xylene	11.835	106	178354	24.928	ug/L		85
54)	o-Xylene	12.164	106	171551	25.158	ug/L		95
55)	Styrene	12.176	104	289025	25.029	ug/L		97
57)	1,1,2,2-Tetrachloroethane	12.713	83	81830	25.764	ug/L		95
59)	Bromoform	12.347	173	48201	27.298	ug/L		95
60)	Isopropylbenzene	12.463	105	468766	23.784	ug/L		99
61)	1,2,3-Trichloropropane	12.768	75	62803	25.411	ug/L		97
62)	1,3,5-Trimethylbenzene	12.939	105	419995	24.878	ug/L		100
63)	1,2,4-Trimethylbenzene	13.249	105	419805	25.597	ug/L		97
64)	1,3-Dichlorobenzene	13.493	146	211164	26.171	ug/L		98
65)	1,4-Dichlorobenzene	13.579	146	205280	25.263	ug/L		96
67)	1,2-Dichlorobenzene	13.865	146	190733	27.106	ug/L		97
68)	1,2-Dibromo-3-chloropr...	14.481	75	16805	29.164	ug/L		93
69)	1,3,5-Trichlorobenzene	14.621	180	144829	25.279	ug/L		99
70)	1,2,4-trichlorobenzene	15.127	180	124550	27.094	ug/L		98
71)	Naphthalene	15.359	128	278645	30.921	ug/L		100
72)	1,2,3-Trichlorobenzene	15.548	180	115347	28.632	ug/L		97

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

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