Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024700.D
Acq On : 30 Sep 2022 18:14
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Quant Time: Sep 30 22:15:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 30 22:12:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573714	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	507318	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151714	25.275	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.080%			
7) Chloroethane-d5	2.891	69	88400	25.343	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.360%			
11) 1,1-Dichloroethene-d2	4.031	63	349068	25.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.520%			
21) 2-Butanone-d5	7.086	46	100797	46.707	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.420%			
24) Chloroform-d	7.647	84	374527	24.419	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.680%			
26) 1,2-Dichloroethane-d4	8.305	65	185816	23.354	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	8.275	84	753418	23.235	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.960%			
36) 1,2-Dichloropropane-d6	9.274	67	233793	23.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.400%			
41) Toluene-d8	10.323	98	660878	22.804	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	10.579	79	97199	22.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.120%			
47) 2-Hexanone-d5	10.920	63	80193	47.308	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.620%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173872	24.630	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.520%			
66) 1,2-Dichlorobenzene-d4	13.847	152	196187	23.114	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	54482	15.468	ug/L	95
3) Chloromethane	2.215	50	139745	20.373	ug/L	97
5) Vinyl chloride	2.361	62	224793	31.874	ug/L	99
6) Bromomethane	2.782	94	97335	29.905	ug/L	94
8) Chloroethane	2.922	64	89300	30.034	ug/L	96
9) Trichlorofluoromethane	3.263	101	119966	30.405	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	216144	28.723	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	213349	28.427	ug/L	96
13) Acetone	4.135	43	75874	48.188	ug/L	99
14) Carbon disulfide	4.391	76	679515	28.680	ug/L	99
15) Methyl Acetate	4.678	43	92480	26.525	ug/L	98
16) Methylene chloride	4.915	84	237756	21.102	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	234900	27.855	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	361805	27.060	ug/L	99
19) 1,1-Dichloroethane	6.220	63	428661	27.170	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	250339	27.667	ug/L	96
22) 2-Butanone	7.177	43	122557	48.663	ug/L	100
23) Bromochloromethane	7.513	128	99042	26.932	ug/L	93
25) Chloroform	7.677	83	409724	27.387	ug/L	96

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Quant Title : SFAM01.0
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Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.403	62	254136	26.996	ug/L		99
29)	Cyclohexane	7.958	56	428387	27.111	ug/L		99
30)	1,1,1-Trichloroethane	7.872	97	346655	28.238	ug/L		100
31)	Carbon tetrachloride	8.073	117	298798	28.742	ug/L		98
33)	Benzene	8.323	78	966982	27.233	ug/L		100
34)	Trichloroethene	9.092	95	244881	27.210	ug/L		96
35)	Methylcyclohexane	9.335	83	450116	27.283	ug/L		99
37)	1,2-Dichloropropane	9.366	63	242584	27.674	ug/L		99
38)	Bromodichloromethane	9.640	83	299194	27.747	ug/L		95
39)	cis-1,3-Dichloropropene	10.073	75	372718	26.888	ug/L		97
40)	4-Methyl-2-pentanone	10.207	43	270239	52.083	ug/L		99
42)	Toluene	10.384	91	1009010	27.518	ug/L		98
44)	trans-1,3-Dichloropropene	10.603	75	314265	26.443	ug/L		96
45)	1,1,2-Trichloroethane	10.786	97	164544	27.481	ug/L		98
46)	Tetrachloroethene	10.860	164	170393	27.865	ug/L		96
48)	2-Hexanone	10.969	43	179281	51.098	ug/L		99
49)	Dibromochloromethane	11.128	129	186137	27.607	ug/L		94
50)	1,2-Dibromoethane	11.231	107	154075	27.186	ug/L	#	98
51)	Chlorobenzene	11.652	112	622966	27.748	ug/L		98
52)	Ethylbenzene	11.731	91	1120124	27.733	ug/L		99
53)	m,p-Xylene	11.835	106	428656	27.179	ug/L		97
54)	o-Xylene	12.164	106	414763	27.849	ug/L		100
55)	Styrene	12.176	104	693986	27.641	ug/L		97
57)	1,1,2,2-Tetrachloroethane	12.713	83	194193	27.699	ug/L		98
59)	Bromoform	12.347	173	89644	26.292	ug/L		96
60)	Isopropylbenzene	12.457	105	1105534	28.121	ug/L		99
61)	1,2,3-Trichloropropane	12.768	75	139951	26.935	ug/L		99
62)	1,3,5-Trimethylbenzene	12.938	105	965475	28.255	ug/L		98
63)	1,2,4-Trimethylbenzene	13.249	105	931229	27.819	ug/L		99
64)	1,3-Dichlorobenzene	13.493	146	449550	28.147	ug/L		96
65)	1,4-Dichlorobenzene	13.572	146	440144	28.309	ug/L		92
67)	1,2-Dichlorobenzene	13.865	146	400171	28.766	ug/L		99
68)	1,2-Dibromo-3-chloropr...	14.481	75	30479	24.806	ug/L		98
69)	1,3,5-Trichlorobenzene	14.621	180	294945	27.813	ug/L		98
70)	1,2,4-trichlorobenzene	15.127	180	237181	26.623	ug/L		95
71)	Naphthalene	15.359	128	503628	25.963	ug/L		99
72)	1,2,3-Trichlorobenzene	15.548	180	201210	26.537	ug/L		98

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

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