Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
Data File : VW024620.D
Acq On : 21 Sep 2022 14:47
Operator : SY/VA
Sample : VSTD10043
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100443

Quant Time: Sep 22 01:35:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 22 01:32:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	459645	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	452651	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237311	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.343	65	955817	91.135	ug/L		0.00
7) Chloroethane-d5	2.867	69	851089	96.319	ug/L		-0.01
11) 1,1-Dichloroethene-d2	4.013	63	1163153	99.999	ug/L		0.00
21) 2-Butanone-d5	7.086	46	285934	203.050	ug/L		0.00
24) Chloroform-d	7.647	84	1253926	95.926	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	659721	93.287	ug/L		0.00
32) Benzene-d6	8.275	84	2439703	96.131	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	693802	95.290	ug/L		0.00
41) Toluene-d8	10.323	98	2424501	98.194	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.573	79	341268	104.972	ug/L		0.00
47) 2-Hexanone-d5	10.921	63	257534	221.474	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	596860	93.998	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	850449	100.100	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.001	85	276519	132.393	ug/L		96
3) Chloromethane	2.209	50	797228	97.389	ug/L		98
5) Vinyl chloride	2.355	62	1061378	91.984	ug/L		97
6) Bromomethane	2.764	94	886435	86.505	ug/L		98
8) Chloroethane	2.904	64	674273	94.597	ug/L		98
9) Trichlorofluoromethane	3.245	101	433728	96.093	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	646335	99.096	ug/L	#	74
12) 1,1-Dichloroethene	4.032	96	598980	103.880	ug/L		95
13) Acetone	4.135	43	178792	168.679	ug/L		99
14) Carbon disulfide	4.379	76	1861341	103.603	ug/L		98
15) Methyl Acetate	4.672	43	254866	99.555	ug/L		99
16) Methylene chloride	4.909	84	624835	80.419	ug/L		95
17) trans-1,2-Dichloroethene	5.422	96	683714	110.019	ug/L		96
18) Methyl tert-butyl Ether	5.428	73	1110926	106.584	ug/L		99
19) 1,1-Dichloroethane	6.214	63	1119887	101.704	ug/L		99
20) cis-1,2-Dichloroethene	7.165	96	730182	107.262	ug/L	#	92
22) 2-Butanone	7.177	43	337629	208.290	ug/L		97
23) Bromochloromethane	7.513	128	338057	104.544	ug/L		95
25) Chloroform	7.671	83	1224432	100.940	ug/L		98
27) 1,2-Dichloroethane	8.397	62	789153	98.106	ug/L		99
29) Cyclohexane	7.952	56	1069427	105.715	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	1031228	98.082	ug/L		98
31) Carbon tetrachloride	8.067	117	994894	99.452	ug/L		100
33) Benzene	8.323	78	2655212	98.475	ug/L		100
34) Trichloroethene	9.092	95	727176	99.520	ug/L		96
35) Methylcyclohexane	9.335	83	1272589	104.381	ug/L		98
37) 1,2-Dichloropropane	9.366	63	620561	97.988	ug/L		98
38) Bromodichloromethane	9.640	83	916567	101.720	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	1078686	109.205	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	800749	220.148	ug/L		99
42) Toluene	10.384	91	3036850	100.325	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	955441	108.900	ug/L		96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	10.786	97	525847	99.772	ug/L	98
46)	Tetrachloroethene	10.860	164	599934	104.349	ug/L	95
48)	2-Hexanone	10.963	43	540836	216.704	ug/L	98
49)	Dibromochloromethane	11.128	129	680036	106.745	ug/L	96
50)	1,2-Dibromoethane	11.231	107	524823	102.057	ug/L	98
51)	Chlorobenzene	11.652	112	1940954	97.232	ug/L	99
52)	Ethylbenzene	11.725	91	3379729	101.649	ug/L	100
53)	m,p-Xylene	11.835	106	1354649	102.595	ug/L	100
54)	o-Xylene	12.164	106	1320463	106.604	ug/L	92
55)	Styrene	12.176	104	2283398	107.175	ug/L	96
57)	1,1,2,2-Tetrachloroethane	12.713	83	617598	97.954	ug/L	99
59)	Bromoform	12.347	173	393031	113.386	ug/L	96
60)	Isopropylbenzene	12.463	105	3522774	105.777	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	432182	97.633	ug/L	99
62)	1,3,5-Trimethylbenzene	12.938	105	2944340	108.820	ug/L	99
63)	1,2,4-Trimethylbenzene	13.249	105	2952671	109.063	ug/L	98
64)	1,3-Dichlorobenzene	13.499	146	1586513	105.633	ug/L	94
65)	1,4-Dichlorobenzene	13.579	146	1573433	101.842	ug/L	95
67)	1,2-Dichlorobenzene	13.865	146	1397619	100.778	ug/L	97
68)	1,2-Dibromo-3-chloropr...	14.481	75	99884	96.903	ug/L	86
69)	1,3,5-Trichlorobenzene	14.621	180	1039894	105.329	ug/L	98
70)	1,2,4-trichlorobenzene	15.127	180	892411	112.980	ug/L	98
71)	Naphthalene	15.359	128	1907277	120.772	ug/L	99
72)	1,2,3-Trichlorobenzene	15.554	180	798408	111.233	ug/L	98

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

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