Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
Data File : VW023539.D
Acq On : 30 Jun 2022 10:52
Operator : SY/VA
Sample : VSTD05036
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 01 05:30:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 01 05:29:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	380736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	376809	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	315562	58.029	ug/L	0.00
7) Chloroethane-d5	2.879	69	209782	56.052	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	358382	53.185	ug/L	0.01
21) 2-Butanone-d5	7.074	46	140508	99.380	ug/L	0.00
24) Chloroform-d	7.647	84	518147	49.853	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	284750	49.612	ug/L	0.00
32) Benzene-d6	8.275	84	1007140	49.436	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	291278	48.358	ug/L	0.00
41) Toluene-d8	10.323	98	1018791	51.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	139458	52.264	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	125656	109.978	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	290680	50.263	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	387484	50.429	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	90089	57.302	ug/L	94
3) Chloromethane	2.215	50	244556	53.699	ug/L	99
5) Vinyl chloride	2.361	62	357311	58.255	ug/L	96
6) Bromomethane	2.769	94	216171	53.433	ug/L	98
8) Chloroethane	2.916	64	159713	55.685	ug/L	92
9) Trichlorofluoromethane	3.245	101	146678	51.622	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	234699	51.028	ug/L	98
12) 1,1-Dichloroethene	4.037	96	209769	54.709	ug/L	92
13) Acetone	4.123	43	83487	92.737	ug/L	99
14) Carbon disulfide	4.385	76	614850	59.577	ug/L	98
15) Methyl Acetate	4.672	43	109909	49.673	ug/L	100
16) Methylene chloride	4.915	84	232855	42.874	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	253505	52.500	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	380488	53.731	ug/L	100
19) 1,1-Dichloroethane	6.214	63	432181	50.749	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	277769m	52.779	ug/L	
22) 2-Butanone	7.171	43	150026	97.676	ug/L	100
23) Bromochloromethane	7.512	128	132214	50.763	ug/L	97
25) Chloroform	7.677	83	475301	49.999	ug/L	100
27) 1,2-Dichloroethane	8.396	62	323329	51.419	ug/L	97
29) Cyclohexane	7.951	56	383344	53.835	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	394449	48.265	ug/L	99
31) Carbon tetrachloride	8.067	117	354979	48.048	ug/L	97
33) Benzene	8.323	78	1042543	49.179	ug/L	100
34) Trichloroethene	9.091	95	278244	48.989	ug/L	96
35) Methylcyclohexane	9.335	83	478036	53.489	ug/L	98
37) 1,2-Dichloropropane	9.366	63	252820	49.305	ug/L	99
38) Bromodichloromethane	9.646	83	364074	49.593	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	420841	53.002	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	353592	105.216	ug/L	99
42) Toluene	10.384	91	1210157	51.611	ug/L	98

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44) trans-1,3-Dichloropropene	10.603	75	388441	52.930	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	222498	51.032	ug/L	99
46) Tetrachloroethene	10.866	164	227872	49.885	ug/L	90
48) 2-Hexanone	10.969	43	251672	109.032	ug/L	98
49) Dibromochloromethane	11.128	129	281563	52.851	ug/L	95
50) 1,2-Dibromoethane	11.237	107	220578	50.773	ug/L	95
51) Chlorobenzene	11.658	112	807702	50.341	ug/L	97
52) Ethylbenzene	11.731	91	1355663	51.836	ug/L	98
53) m,p-Xylene	11.841	106	546875	53.185	ug/L	96
54) o-Xylene	12.164	106	532505	54.829	ug/L	97
55) Styrene	12.182	104	926881	54.606	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	288397	51.432	ug/L	99
59) Bromoform	12.347	173	159734	51.101	ug/L	99
60) Isopropylbenzene	12.463	105	1410177	50.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	203618	47.980	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1222815	52.957	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1222627	52.762	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	656216	49.126	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	647375	47.787	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	614571	50.770	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	46848	48.271	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	430711	48.294	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	370660	51.501	ug/L	98
71) Naphthalene	15.365	128	827381	55.408	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	333096	50.708	ug/L	97

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

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