Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
Data File : VW024525.D
Acq On : 02 Sep 2022 10:48
Operator : SY/VA
Sample : VSTD05028
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050428

Quant Time: Sep 02 23:34:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:31:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	371567	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	369657	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	198573	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	367194	49.514	ug/L		0.00
7) Chloroethane-d5	2.873	69	278674	50.471	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.013	63	423049	48.437	ug/L		0.00
21) 2-Butanone-d5	7.080	46	100896	85.140	ug/L		0.00
24) Chloroform-d	7.647	84	467592	47.260	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	241443	45.186	ug/L		0.00
32) Benzene-d6	8.269	84	942194	48.861	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	264928	46.954	ug/L		0.00
41) Toluene-d8	10.323	98	906761	49.378	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	118980	48.339	ug/L		0.00
47) 2-Hexanone-d5	10.921	63	90508	93.648	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	229008	44.646	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	305271	46.994	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.001	85	52209	51.461	ug/L		100
3) Chloromethane	2.215	50	232990	45.033	ug/L		98
5) Vinyl chloride	2.355	62	394644	43.135	ug/L		99
6) Bromomethane	2.770	94	271623	43.607	ug/L		96
8) Chloroethane	2.910	64	222016	45.715	ug/L		98
9) Trichlorofluoromethane	3.239	101	148259	42.787	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	231306	44.521	ug/L		98
12) 1,1-Dichloroethene	4.032	96	208484	45.521	ug/L		95
13) Acetone	4.117	43	66670	73.254	ug/L		77
14) Carbon disulfide	4.373	76	564912	44.783	ug/L		99
15) Methyl Acetate	4.666	43	90039	43.514	ug/L		97
16) Methylene chloride	4.909	84	222862	42.370	ug/L		96
17) trans-1,2-Dichloroethene	5.415	96	231697	45.527	ug/L		93
18) Methyl tert-butyl Ether	5.422	73	420298	47.675	ug/L		99
19) 1,1-Dichloroethane	6.208	63	417359	45.285	ug/L		98
20) cis-1,2-Dichloroethene	7.165	96	258868	46.728	ug/L	#	98
22) 2-Butanone	7.165	43	127370	86.170	ug/L		99
23) Bromochloromethane	7.513	128	116693	45.402	ug/L		93
25) Chloroform	7.677	83	462694	45.727	ug/L		100
27) 1,2-Dichloroethane	8.397	62	298182	44.864	ug/L		99
29) Cyclohexane	7.952	56	367708	47.909	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	389528	46.586	ug/L		97
31) Carbon tetrachloride	8.061	117	348839	46.011	ug/L		98
33) Benzene	8.317	78	1008276	45.869	ug/L		100
34) Trichloroethene	9.085	95	269173	46.133	ug/L		97
35) Methylcyclohexane	9.335	83	444136	48.102	ug/L		97
37) 1,2-Dichloropropane	9.366	63	240380	45.381	ug/L		100
38) Bromodichloromethane	9.640	83	352478	47.076	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	391108	49.043	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	300616	91.257	ug/L		100
42) Toluene	10.384	91	1130041	47.210	ug/L		96
44) trans-1,3-Dichloropropene	10.604	75	347194	48.535	ug/L		99

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Quant Title : SFAM01.0
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	10.786	97	197591	44.678	ug/L	97
46)	Tetrachloroethene	10.860	164	199419	46.768	ug/L	92
48)	2-Hexanone	10.963	43	210723	98.172	ug/L	99
49)	Dibromochloromethane	11.128	129	249991	48.108	ug/L	93
50)	1,2-Dibromoethane	11.231	107	190105	45.389	ug/L	97
51)	Chlorobenzene	11.652	112	755328	46.499	ug/L	97
52)	Ethylbenzene	11.725	91	1297165	48.411	ug/L	98
53)	m,p-Xylene	11.835	106	510499	48.719	ug/L	96
54)	o-Xylene	12.164	106	498673	49.713	ug/L	92
55)	Styrene	12.176	104	870823	49.978	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.713	83	243302	44.455	ug/L	100
59)	Bromoform	12.347	173	132364	45.913	ug/L	98
60)	Isopropylbenzene	12.463	105	1370399	48.818	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	173089	43.179	ug/L	99
62)	1,3,5-Trimethylbenzene	12.938	105	1157833	49.999	ug/L	100
63)	1,2,4-Trimethylbenzene	13.249	105	1144106	50.482	ug/L	100
64)	1,3-Dichlorobenzene	13.493	146	593911	47.497	ug/L	96
65)	1,4-Dichlorobenzene	13.573	146	580447	45.311	ug/L	96
67)	1,2-Dichlorobenzene	13.865	146	550366	47.675	ug/L	98
68)	1,2-Dibromo-3-chloropr...	14.481	75	37125	40.917	ug/L	98
69)	1,3,5-Trichlorobenzene	14.621	180	393537	48.955	ug/L	98
70)	1,2,4-trichlorobenzene	15.127	180	311330	50.647	ug/L	100
71)	Naphthalene	15.359	128	660389	50.816	ug/L	99
72)	1,2,3-Trichlorobenzene	15.548	180	277883	50.125	ug/L	98

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

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