Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090622\
Data File : VW024556.D
Acq On : 06 Sep 2022 13:28
Operator : SY/VA
Sample : VSTD02533
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025433

Quant Time: Sep 07 04:35:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 07 04:30:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	330983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	340772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	181389	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	185624	27.164	ug/L	0.00
7) Chloroethane-d5	2.873	69	133761	26.325	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	184841	25.645	ug/L	0.00
21) 2-Butanone-d5	7.080	46	54205	47.165	ug/L	0.00
24) Chloroform-d	7.647	84	214505	25.255	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	119452	25.133	ug/L	0.00
32) Benzene-d6	8.268	84	421615	25.152	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	118239	23.924	ug/L	0.00
41) Toluene-d8	10.317	98	418201	25.592	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	57267	25.857	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	47155	51.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118984	25.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	148020	25.764	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	39761	25.606	ug/L	100
3) Chloromethane	2.209	50	127048	25.771	ug/L	100
5) Vinyl chloride	2.349	62	220798	26.566	ug/L	100
6) Bromomethane	2.763	94	134272	24.782	ug/L	100
8) Chloroethane	2.910	64	117318	25.946	ug/L	100
9) Trichlorofluoromethane	3.245	101	124481	25.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	113043	25.534	ug/L	100
12) 1,1-Dichloroethene	4.025	96	95954	25.357	ug/L	100
13) Acetone	4.117	43	42408	45.994	ug/L	100
14) Carbon disulfide	4.373	76	248075	24.777	ug/L	100
15) Methyl Acetate	4.665	43	52828	26.230	ug/L	100
16) Methylene chloride	4.909	84	115158	23.317	ug/L	100
17) trans-1,2-Dichloroethene	5.409	96	111706	25.813	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	213068	27.602	ug/L	100
19) 1,1-Dichloroethane	6.214	63	207948	26.368	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	126615	26.035	ug/L	100
22) 2-Butanone	7.171	43	69897	46.126	ug/L	100
23) Bromochloromethane	7.512	128	57363	25.493	ug/L	100
25) Chloroform	7.677	83	231983	26.481	ug/L	100
27) 1,2-Dichloroethane	8.396	62	163366	27.743	ug/L	100
29) Cyclohexane	7.951	56	175090	26.540	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	191084	25.569	ug/L	100
31) Carbon tetrachloride	8.061	117	174791	25.607	ug/L	100
33) Benzene	8.323	78	505945	26.159	ug/L	100
34) Trichloroethene	9.091	95	127477	25.236	ug/L	100
35) Methylcyclohexane	9.329	83	212175	26.253	ug/L	100
37) 1,2-Dichloropropane	9.366	63	126040	26.092	ug/L	100
38) Bromodichloromethane	9.646	83	177670	26.024	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	193667	27.421	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	177604	55.737	ug/L	100
42) Toluene	10.384	91	581019	27.249	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	182791	27.400	ug/L	100

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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	108170	26.794	ug/L	100
46) Tetrachloroethene	10.859	164	97705	26.251	ug/L	100
48) 2-Hexanone	10.963	43	123033	56.303	ug/L	100
49) Dibromochloromethane	11.128	129	128185	27.161	ug/L	100
50) 1,2-Dibromoethane	11.231	107	103711	26.469	ug/L	100
51) Chlorobenzene	11.658	112	393039	26.681	ug/L	100
52) Ethylbenzene	11.725	91	663448	27.404	ug/L	100
53) m,p-Xylene	11.841	106	265962	28.119	ug/L	100
54) o-Xylene	12.164	106	257792	28.627	ug/L	100
55) Styrene	12.176	104	456525	28.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	140005	27.393	ug/L	100
59) Bromoform	12.347	173	73047	27.705	ug/L	100
60) Isopropylbenzene	12.463	105	698914	28.458	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	99417	26.492	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	588564	28.859	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	584121	28.778	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	309778	27.994	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	313492	26.877	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	279479	27.083	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	22018	24.798	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	201168	27.989	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	159366	27.943	ug/L	100
71) Naphthalene	15.359	128	362654	28.741	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	141814	26.727	ug/L	100

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

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