Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
Data File : VW025125.D
Acq On : 08 Dec 2022 11:08
Operator : SY/MD
Sample : VSTD10077
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100477

Quant Time: Dec 08 11:31:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 08 11:19:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	475453	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178286	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	515179	88.179	ug/L	-0.01
7) Chloroethane-d5	2.879	69	345142	90.380	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.013	63	1121264	89.167	ug/L	-0.01
21) 2-Butanone-d5	7.074	46	247813	204.127	ug/L	-0.01
24) Chloroform-d	7.647	84	1113510	90.754	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	559966	92.409	ug/L	0.00
32) Benzene-d6	8.275	84	2308433	89.600	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	664190	89.151	ug/L	0.00
41) Toluene-d8	10.323	98	2111915	90.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	296172	98.521	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	211673	223.682	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	472675	95.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	538320	88.571	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	316346	223.200	ug/L	98
3) Chloromethane	2.215	50	498780	94.977	ug/L	99
5) Vinyl chloride	2.355	62	583431	81.999	ug/L	100
6) Bromomethane	2.776	94	298732	86.373	ug/L	94
8) Chloroethane	2.916	64	287749	87.772	ug/L	97
9) Trichlorofluoromethane	3.251	101	454921	84.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	588869	91.602	ug/L	97
12) 1,1-Dichloroethene	4.038	96	565289	90.078	ug/L	98
13) Acetone	4.117	43	233255	179.315	ug/L	98
14) Carbon disulfide	4.379	76	1748197	83.076	ug/L	100
15) Methyl Acetate	4.665	43	209102	98.549	ug/L	99
16) Methylene chloride	4.915	84	566163	67.041	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	608227	91.235	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	872706	98.771	ug/L	100
19) 1,1-Dichloroethane	6.214	63	1082106	92.119	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	644717	93.371	ug/L	98
22) 2-Butanone	7.165	43	306010	186.738	ug/L	100
23) Bromochloromethane	7.513	128	265760	94.906	ug/L	98
25) Chloroform	7.677	83	1078804	91.766	ug/L	98
27) 1,2-Dichloroethane	8.396	62	673759	94.943	ug/L	100
29) Cyclohexane	7.951	56	1051730	89.411	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	934258	89.897	ug/L	99
31) Carbon tetrachloride	8.067	117	847804	89.896	ug/L	100
33) Benzene	8.323	78	2417831	87.692	ug/L	100
34) Trichloroethene	9.091	95	647629	89.618	ug/L	96
35) Methylcyclohexane	9.335	83	1160018	88.734	ug/L	99
37) 1,2-Dichloropropane	9.366	63	594582	89.630	ug/L	100
38) Bromodichloromethane	9.646	83	799814	94.384	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	971602	97.728	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	624396	213.060	ug/L	100
42) Toluene	10.384	91	2607717	89.698	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	831380	102.379	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Dec 08 11:19:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	419743	94.535	ug/L	97
46) Tetrachloroethene	10.859	164	458618	85.322	ug/L	96
48) 2-Hexanone	10.963	43	449758	212.441	ug/L	100
49) Dibromochloromethane	11.128	129	518394	97.721	ug/L	92
50) 1,2-Dibromoethane	11.231	107	403590	97.902	ug/L	96
51) Chlorobenzene	11.652	112	1659820	92.039	ug/L	97
52) Ethylbenzene	11.731	91	3019270	92.285	ug/L	99
53) m,p-Xylene	11.835	106	1150422	91.649	ug/L	98
54) o-Xylene	12.164	106	1104130	94.193	ug/L	94
55) Styrene	12.176	104	1878647	95.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	481063	98.136	ug/L	98
59) Bromoform	12.347	173	262242	114.767	ug/L	97
60) Isopropylbenzene	12.463	105	3000005	103.995	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	352426	110.500	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2615611	106.101	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2523811	106.167	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	1061431	90.935	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	1040861	89.972	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	904366	89.488	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	80768	126.108	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	815302	108.533	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	670960	120.564	ug/L	99
71) Naphthalene	15.359	128	1381288	135.386	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	572004	123.246	ug/L	99

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

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