Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
Data File : VW028178.D
Acq On : 14 Mar 2024 14:09
Operator : SY/MD
Sample : VSTD02524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025424

Quant Time: Mar 15 01:24:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	196049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56017	24.420	ug/L	0.00
7) Chloroethane-d5	2.899	69	39303	24.788	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	35944	25.091	ug/L	0.00
21) 2-Butanone-d5	7.075	46	34416	52.072	ug/L	0.00
24) Chloroform-d	7.648	84	148895	25.756	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	81621	25.620	ug/L	0.00
32) Benzene-d6	8.270	84	287046	26.703	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	82812	26.769	ug/L	0.00
41) Toluene-d8	10.318	98	269024	27.132	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	36561	26.021	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	27295	54.032	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60776	26.596	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	89893	26.310	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67498	24.597	ug/L	100
3) Chloromethane	2.222	50	46404	23.005	ug/L	100
5) Vinyl chloride	2.375	62	53714	23.558	ug/L	100
6) Bromomethane	2.789	94	31766	23.394	ug/L	100
8) Chloroethane	2.936	64	29604	24.156	ug/L	100
9) Trichlorofluoromethane	3.271	101	66009	23.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	64276	24.376	ug/L	100
12) 1,1-Dichloroethene	4.045	96	60670	23.819	ug/L	100
13) Acetone	4.118	43	37898	52.868	ug/L	100
14) Carbon disulfide	4.393	76	184280	23.338	ug/L	100
15) Methyl Acetate	4.673	43	26021	22.804	ug/L	100
16) Methylene chloride	4.917	84	63422	21.219	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	64157	23.846	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	97757	24.083	ug/L	100
19) 1,1-Dichloroethane	6.215	63	124756	23.952	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	69520	23.921	ug/L	100
22) 2-Butanone	7.167	43	41633	50.618	ug/L	100
23) Bromochloromethane	7.514	128	29472	22.943	ug/L	100
25) Chloroform	7.679	83	128791	24.019	ug/L	100
27) 1,2-Dichloroethane	8.398	62	89678	23.687	ug/L	100
29) Cyclohexane	7.959	56	113848	24.783	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	114402	24.787	ug/L	100
31) Carbon tetrachloride	8.069	117	104305	24.093	ug/L	100
33) Benzene	8.325	78	267672	24.705	ug/L	100
34) Trichloroethene	9.093	95	75130	24.855	ug/L	100
35) Methylcyclohexane	9.331	83	126613	24.780	ug/L	100
37) 1,2-Dichloropropane	9.367	63	67625	24.402	ug/L	100
38) Bromodichloromethane	9.642	83	90846	24.314	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	109988	24.783	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	74949	48.996	ug/L	100
42) Toluene	10.385	91	291390	24.643	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	92277	24.627	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Mar 15 01:22:29 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	48404	24.175	ug/L	100
46) Tetrachloroethene	10.861	164	58348	23.947	ug/L	100
48) 2-Hexanone	10.965	43	61257	51.122	ug/L	100
49) Dibromochloromethane	11.123	129	57486	24.242	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45634	23.836	ug/L	100
51) Chlorobenzene	11.653	112	180783	24.087	ug/L	100
52) Ethylbenzene	11.727	91	344675	24.970	ug/L	100
53) m,p-Xylene	11.836	106	124829	24.031	ug/L	100
54) o-Xylene	12.160	106	119176	24.741	ug/L	100
55) Styrene	12.178	104	207003	25.018	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	54471	23.784	ug/L	100
59) Bromoform	12.349	173	33045	23.512	ug/L	100
60) Isopropylbenzene	12.458	105	345780	24.813	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	41163	22.996	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	231522	24.761	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	282830	25.051	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	152088	24.463	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	148998	23.968	ug/L	100
67) 1,2-Dichlorobenzene	13.860	146	131836	24.625	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	9757	23.204	ug/L	100
69) 1,3,5-Trichlorobenzene	14.622	180	108023	24.945	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	90163	24.508	ug/L	100
71) Naphthalene	15.354	128	151212	23.947	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	72938	24.050	ug/L	100

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

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