Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
Data File : VW027945.D
Acq On : 05 Feb 2024 10:30
Operator : SY/MD
Sample : VSTD02512
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025412

Quant Time: Feb 06 02:01:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 06 02:00:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	330573	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	88815	22.939	ug/L	0.00
7) Chloroethane-d5	2.899	69	70647	24.057	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	37604	22.699	ug/L	0.00
21) 2-Butanone-d5	7.081	46	29669	49.213	ug/L	0.00
24) Chloroform-d	7.648	84	175668	22.727	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	80831	23.154	ug/L	0.00
32) Benzene-d6	8.276	84	367180	23.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	100044	23.819	ug/L	0.00
41) Toluene-d8	10.325	98	355543	23.987	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	41792	24.195	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	28222	49.398	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76844	24.478	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	118962	22.381	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	59106	20.763	ug/L	100
3) Chloromethane	2.222	50	62457	19.978	ug/L	100
5) Vinyl chloride	2.375	62	87742	20.707	ug/L	100
6) Bromomethane	2.789	94	62499	20.874	ug/L	100
8) Chloroethane	2.936	64	52495	21.926	ug/L	100
9) Trichlorofluoromethane	3.271	101	83759	21.750	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79573	20.721	ug/L	100
12) 1,1-Dichloroethene	4.045	96	77290	21.404	ug/L	100
13) Acetone	4.137	43	27654	47.799	ug/L	100
14) Carbon disulfide	4.393	76	214419	20.057	ug/L	100
15) Methyl Acetate	4.673	43	21529	22.107	ug/L	100
16) Methylene chloride	4.917	84	82348	19.930	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	82807	21.344	ug/L	100
18) Methyl tert-butyl Ether	5.435	73	101687	22.110	ug/L	100
19) 1,1-Dichloroethane	6.215	63	135649	21.524	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	90341	22.052	ug/L	100
22) 2-Butanone	7.179	43	32415	48.003	ug/L	100
23) Bromochloromethane	7.514	128	39074	21.472	ug/L	100
25) Chloroform	7.679	83	148724	21.951	ug/L	100
27) 1,2-Dichloroethane	8.398	62	84155	22.304	ug/L	100
29) Cyclohexane	7.959	56	115483	22.377	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	125225	22.404	ug/L	100
31) Carbon tetrachloride	8.069	117	115029	22.245	ug/L	100
33) Benzene	8.325	78	325388	22.500	ug/L	100
34) Trichloroethene	9.093	95	92556	22.294	ug/L	100
35) Methylcyclohexane	9.337	83	150989	22.102	ug/L	100
37) 1,2-Dichloropropane	9.367	63	77324	22.754	ug/L	100
38) Bromodichloromethane	9.642	83	102447	22.585	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	125838	23.103	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	60601	47.247	ug/L	100
42) Toluene	10.385	91	366572	22.608	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	100146	23.165	ug/L	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 06 02:00:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	61019	22.685	ug/L	100
46) Tetrachloroethene	10.861	164	78280	22.409	ug/L	100
48) 2-Hexanone	10.965	43	46363	47.722	ug/L	100
49) Dibromochloromethane	11.129	129	70782	23.082	ug/L	100
50) 1,2-Dibromoethane	11.233	107	57301	22.823	ug/L	100
51) Chlorobenzene	11.654	112	237377	22.011	ug/L	100
52) Ethylbenzene	11.727	91	416633	22.790	ug/L	100
53) m,p-Xylene	11.836	106	166223	23.185	ug/L	100
54) o-Xylene	12.160	106	152357	22.658	ug/L	100
55) Styrene	12.178	104	264870	23.649	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	68120	23.649	ug/L	100
59) Bromoform	12.349	173	41144	22.291	ug/L	100
60) Isopropylbenzene	12.458	105	428207	21.931	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	45936	22.010	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	349901	22.394	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	347706	22.741	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198370	22.116	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	199658	21.893	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	172778	21.809	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8924	21.537	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	144618	22.453	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	113824	21.884	ug/L	100
71) Naphthalene	15.360	128	187741	23.228	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	96906	22.331	ug/L	100

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

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