Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041624\
Data File : VW028461.D
Acq On : 16 Apr 2024 18:48
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Quant Time: Apr 17 05:39:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 17 05:34:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	316055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294277	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150027	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	91706	18.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.400%			
7) Chloroethane-d5	2.899	69	77675	20.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.920%			
11) 1,1-Dichloroethene-d2	4.021	65	41192	19.198	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.800%			
21) 2-Butanone-d5	7.075	46	55999	59.062	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.120%			
24) Chloroform-d	7.648	84	194821	23.623	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.480%			
26) 1,2-Dichloroethane-d4	8.307	65	107529	25.089	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.360%			
32) Benzene-d6	8.276	84	366284	22.784	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.120%			
36) 1,2-Dichloropropane-d6	9.270	67	113494	23.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.000%			
41) Toluene-d8	10.319	98	334081	22.854	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	10.575	79	45681	24.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.160%			
47) 2-Hexanone-d5	10.922	63	39261	59.314	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.620%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91921	27.264	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.040%			
66) 1,2-Dichlorobenzene-d4	13.848	152	111533	23.507	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	76290	17.947	ug/L	96
3) Chloromethane	2.223	50	104921	21.023	ug/L	98
5) Vinyl chloride	2.375	62	117956	19.846	ug/L	98
6) Bromomethane	2.789	94	74994	20.195	ug/L	98
8) Chloroethane	2.936	64	73427	20.493	ug/L	97
9) Trichlorofluoromethane	3.271	101	92891	19.591	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92494	20.735	ug/L	94
12) 1,1-Dichloroethene	4.045	96	85179	20.337	ug/L	95
13) Acetone	4.119	43	42067	36.134	ug/L	99
14) Carbon disulfide	4.393	76	270287	19.601	ug/L	99
15) Methyl Acetate	4.667	43	46749	24.957	ug/L	99
16) Methylene chloride	4.923	84	98026	20.497	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	95148	21.566	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	154796	24.942	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192354	22.377	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105800	22.594	ug/L	97
22) 2-Butanone	7.167	43	60420	42.765	ug/L	99
23) Bromochloromethane	7.514	128	45395	22.507	ug/L	90
25) Chloroform	7.679	83	190708	22.584	ug/L	93

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Quant Title : SFAM01.0
QLast Update : Wed Apr 17 05:34:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136030	23.340	ug/L	99
29) Cyclohexane	7.959	56	160919	20.702	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151239	21.191	ug/L	99
31) Carbon tetrachloride	8.075	117	131510	20.779	ug/L	98
33) Benzene	8.325	78	407129	22.128	ug/L	100
34) Trichloroethene	9.093	95	104602	20.978	ug/L	96
35) Methylcyclohexane	9.337	83	173224	20.359	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107859	22.492	ug/L	100
38) Bromodichloromethane	9.642	83	135909	22.865	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	160098	22.766	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	136261	56.761	ug/L	99
42) Toluene	10.386	91	431567	22.141	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	131569	23.127	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	76875	23.695	ug/L	96
46) Tetrachloroethene	10.861	164	76960	20.663	ug/L	92
48) 2-Hexanone	10.965	43	93499	49.067	ug/L	99
49) Dibromochloromethane	11.123	129	82985	23.931	ug/L	96
50) 1,2-Dibromoethane	11.233	107	70794	23.908	ug/L	93
51) Chlorobenzene	11.654	112	263960	21.786	ug/L	96
52) Ethylbenzene	11.727	91	493789	22.348	ug/L	100
53) m,p-Xylene	11.837	106	179385	21.831	ug/L	96
54) o-Xylene	12.160	106	170617	22.300	ug/L	95
55) Styrene	12.178	104	304517	23.386	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	92757	25.263	ug/L	99
59) Bromoform	12.349	173	47403	23.937	ug/L	99
60) Isopropylbenzene	12.458	105	483420	21.493	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68130	24.839	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	318014	22.184	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	376980	21.851	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	203722	21.347	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	210740	21.708	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	192942	22.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14988	23.846	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	135907	20.695	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	117096	22.833	ug/L	95
71) Naphthalene	15.360	128	230856	25.435	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	98889	21.730	ug/L	99

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

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