Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
Data File : VW030345.D
Acq On : 02 Oct 2024 23:40
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Quant Time: Oct 03 05:09:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 03 04:10:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	186015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	89479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	38365	26.394	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.560%			
7) Chloroethane-d5	2.905	69	32084	30.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.360%			
11) 1,1-Dichloroethene-d2	4.027	65	23789	22.420	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.680%			
21) 2-Butanone-d5	7.081	46	30456	52.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.200%			
24) Chloroform-d	7.648	84	122209	24.455	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.840%			
26) 1,2-Dichloroethane-d4	8.307	65	65668	25.176	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.720%			
32) Benzene-d6	8.276	84	234250	23.675	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.680%			
36) 1,2-Dichloropropane-d6	9.276	67	74314	24.972	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.880%			
41) Toluene-d8	10.325	98	216144	23.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.280%			
43) trans-1,3-Dichloroprop...	10.575	79	28738	23.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.880%			
47) 2-Hexanone-d5	10.922	63	24264	49.376	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.760%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54797	24.642	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.560%			
66) 1,2-Dichlorobenzene-d4	13.849	152	67408	22.690	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	46305	22.774	ug/L	94
3) Chloromethane	2.223	50	44758	28.100	ug/L	94
5) Vinyl chloride	2.375	62	47534	28.073	ug/L	100
6) Bromomethane	2.790	94	29725	26.376	ug/L	90
8) Chloroethane	2.936	64	27899	30.200	ug/L	99
9) Trichlorofluoromethane	3.271	101	55030	25.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	51994	23.926	ug/L	94
12) 1,1-Dichloroethene	4.045	96	50263	23.258	ug/L	96
13) Acetone	4.131	43	26021	41.964	ug/L	98
14) Carbon disulfide	4.393	76	164017	22.823	ug/L	98
15) Methyl Acetate	4.673	43	24599	24.322	ug/L	98
16) Methylene chloride	4.923	84	61356	21.431	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	57625	22.970	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	94320	23.638	ug/L	99
19) 1,1-Dichloroethane	6.222	63	114317	23.928	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	65214	23.528	ug/L	97
22) 2-Butanone	7.173	43	35206	44.413	ug/L	96
23) Bromochloromethane	7.514	128	26617	21.997	ug/L	90
25) Chloroform	7.679	83	119725	24.164	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Thu Oct 03 04:10:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	77838	23.688	ug/L	99
29) Cyclohexane	7.959	56	91838	23.599	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	94900	23.206	ug/L	97
31) Carbon tetrachloride	8.075	117	85607	23.422	ug/L	99
33) Benzene	8.325	78	252672	23.498	ug/L	100
34) Trichloroethene	9.093	95	65488	22.896	ug/L	89
35) Methylcyclohexane	9.337	83	103362	23.548	ug/L	96
37) 1,2-Dichloropropane	9.368	63	67781	23.891	ug/L	100
38) Bromodichloromethane	9.642	83	84287	23.663	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	100635	23.134	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	71623	49.082	ug/L	98
42) Toluene	10.386	91	271205	23.560	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	84271	23.379	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	46812	23.414	ug/L	99
46) Tetrachloroethene	10.861	164	48653	22.742	ug/L	91
48) 2-Hexanone	10.965	43	49056	45.654	ug/L	98
49) Dibromochloromethane	11.130	129	49475	21.990	ug/L	99
50) 1,2-Dibromoethane	11.233	107	43349	22.915	ug/L	98
51) Chlorobenzene	11.654	112	166750	22.416	ug/L	93
52) Ethylbenzene	11.727	91	306427	23.498	ug/L	97
53) m,p-Xylene	11.837	106	116303	23.891	ug/L	91
54) o-Xylene	12.166	106	107149	23.125	ug/L	99
55) Styrene	12.178	104	190981	24.161	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	54651	23.340	ug/L	99
59) Bromoform	12.349	173	28723	22.158	ug/L	97
60) Isopropylbenzene	12.465	105	306847	24.160	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	40171	23.616	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	246509	23.996	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	248428	24.476	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	129929	22.892	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	132178	22.797	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	117370	23.196	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	8493	21.791	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	84276	21.513	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	72668	22.405	ug/L	97
71) Naphthalene	15.360	128	132929	22.407	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	61339	21.606	ug/L	94

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

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