Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
Data File : VW027206.D
Acq On : 03 Oct 2023 17:07
Operator : SY/MD
Sample : 04707-03MSD
Misc : 5.41g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 04 01:41:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 01:37:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EY1A2MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/04/2023
Supervised By :Mahesh Dadoda 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	38186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	39255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	21226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	16737	27.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.600%			
7) Chloroethane-d5	2.893	69	17390	36.674	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 146.680%			
11) 1,1-Dichloroethene-d2	4.021	65	7564	30.345	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 121.360%#			
21) 2-Butanone-d5	7.088	46	8086	65.194	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.380%			
24) Chloroform-d	7.655	84	37793	33.817	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 135.280%			
26) 1,2-Dichloroethane-d4	8.313	65	22047	41.164	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 164.640%#			
32) Benzene-d6	8.276	84	72289	30.048	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.200%			
36) 1,2-Dichloropropane-d6	9.276	67	25118	34.874	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 139.480%#			
41) Toluene-d8	10.325	98	57480	27.075	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.320%			
43) trans-1,3-Dichloroprop...	10.581	79	9354	33.094	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 132.360%			
47) 2-Hexanone-d5	10.922	63	2058m	18.679	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 37.360%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	23143	41.986	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 167.960%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	20474	28.768	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	16638	33.532	ug/L #	85
3) Chloromethane	2.217	50	17426	26.018	ug/L	98
5) Vinyl chloride	2.363	62	18435	25.210	ug/L	97
6) Bromomethane	2.790	94	14316	29.716	ug/L	88
8) Chloroethane	2.930	64	12836	28.923	ug/L	94
9) Trichlorofluoromethane	3.277	101	27545	44.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	16686	26.984	ug/L #	48
12) 1,1-Dichloroethene	4.045	96	14493	24.533	ug/L	84
13) Acetone	4.131	43	13926	90.863	ug/L	98
14) Carbon disulfide	4.393	76	46762	23.584	ug/L	97
15) Methyl Acetate	4.673	43	11066m	43.078	ug/L	
16) Methylene chloride	4.929	84	26579	35.556	ug/L	96
17) trans-1,2-Dichloroethene	5.442	96	15814	24.879	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	39020	49.055	ug/L #	84
19) 1,1-Dichloroethane	6.222	63	32892	27.748	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	18452	27.233	ug/L	94
22) 2-Butanone	7.185	43	12299	64.885	ug/L	76
23) Bromochloromethane	7.514	128	10047	32.496	ug/L	88
25) Chloroform	7.679	83	35125	30.381	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	24459	34.535	ug/L	100
29) Cyclohexane	7.959	56	20625	19.749	ug/L	97
30) 1,1,1-Trichloroethane	7.880	97	28127	28.824	ug/L	97
31) Carbon tetrachloride	8.075	117	22806	24.744	ug/L	94
33) Benzene	8.325	78	72478	26.123	ug/L	100
34) Trichloroethene	9.093	95	17530	24.195	ug/L	95
35) Methylcyclohexane	9.337	83	22296	18.296	ug/L	93
37) 1,2-Dichloropropane	9.368	63	21005	29.382	ug/L	98
38) Bromodichloromethane	9.648	83	25408	29.592	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	26176	24.850	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	11868	34.219	ug/L	99
42) Toluene	10.386	91	66612	23.378	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	23146	26.811	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	17737	34.284	ug/L	94
46) Tetrachloroethene	10.861	164	22925	40.251	ug/L	93
48) 2-Hexanone	10.971	43	4250m	15.631	ug/L	
49) Dibromochloromethane	11.123	129	16825	29.987	ug/L	99
50) 1,2-Dibromoethane	11.233	107	15256	31.778	ug/L	96
51) Chlorobenzene	11.654	112	45449	24.037	ug/L	96
52) Ethylbenzene	11.727	91	64194	20.055	ug/L	95
53) m,p-Xylene	11.837	106	24994	20.364	ug/L	98
54) o-Xylene	12.166	106	24673	21.519	ug/L	98
55) Styrene	12.178	104	40507	20.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	21023	33.878	ug/L	97
59) Bromoform	12.349	173	10759	32.099	ug/L	97
60) Isopropylbenzene	12.459	105	63956	20.462	ug/L	98
61) 1,2,3-Trichloropropane	12.770	75	14686	33.795	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	48237	19.684	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	46487	19.358	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	33548	23.256	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	32659	22.534	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	33011	26.107	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.483	75	2287	24.569	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	22367	24.079	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	15537	21.200	ug/L	99
71) Naphthalene	15.361	128	18700	14.462	ug/L	95
72) 1,2,3-Trichlorobenzene	15.549	180	12126	18.640	ug/L	96

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

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