Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026442.D
Acq On : 29 Jun 2023 19:14
Operator : SY/MD
Sample : 03452-23MSD
Misc : 3.88g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46Q0MSD

Quant Time: Jun 30 01:21:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 30 01:16:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	987037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	706123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	195586	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	321545	28.611	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.440%			
7) Chloroethane-d5	2.899	69	249396	27.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.000%			
11) 1,1-Dichloroethene-d2	4.021	65	156968	27.915	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.640%#			
21) 2-Butanone-d5	7.075	46	206225	48.555	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.120%			
24) Chloroform-d	7.648	84	625870	26.014	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.040%			
26) 1,2-Dichloroethane-d4	8.301	65	340794	25.915	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.680%			
32) Benzene-d6	8.270	84	1306782	31.821	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.280%			
36) 1,2-Dichloropropane-d6	9.270	67	411999	31.477	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 125.920%#			
41) Toluene-d8	10.325	98	1041035	28.698	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.800%			
43) trans-1,3-Dichloroprop...	10.575	79	142392	26.989	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.960%			
47) 2-Hexanone-d5	10.922	63	131475	60.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	250124	24.749	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	13.848	152	152292	22.362	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	247549	25.701	ug/L	99
3) Chloromethane	2.229	50	384271	28.303	ug/L	99
5) Vinyl chloride	2.375	62	372256	26.604	ug/L	99
6) Bromomethane	2.789	94	193322	24.294	ug/L	96
8) Chloroethane	2.930	64	216410	25.500	ug/L	99
9) Trichlorofluoromethane	3.265	101	280912	27.609	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	253584	22.455	ug/L	98
12) 1,1-Dichloroethene	4.045	96	286109	25.884	ug/L	97
13) Acetone	4.118	43	412981	137.646	ug/L	99
14) Carbon disulfide	4.393	76	865699	24.201	ug/L	100
15) Methyl Acetate	4.667	43	169235	25.978	ug/L	99
16) Methylene chloride	4.923	84	328008	19.667	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	300351	25.261	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	540316	27.807	ug/L	99
19) 1,1-Dichloroethane	6.216	63	636538	26.605	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	332633	24.699	ug/L	99
22) 2-Butanone	7.167	43	375626	76.362	ug/L	97
23) Bromochloromethane	7.514	128	136138	24.305	ug/L	98
25) Chloroform	7.673	83	566411	24.392	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Fri Jun 30 01:16:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	382386	24.083	ug/L	100
29) Cyclohexane	7.959	56	407290	20.347	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	435643	28.962	ug/L	99
31) Carbon tetrachloride	8.069	117	316923	23.402	ug/L	99
33) Benzene	8.325	78	1292029	29.219	ug/L	100
34) Trichloroethene	9.093	95	306645	27.223	ug/L	99
35) Methylcyclohexane	9.337	83	273802	13.644	ug/L	100
37) 1,2-Dichloropropane	9.368	63	341942	29.129	ug/L	100
38) Bromodichloromethane	9.642	83	361589	27.444	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	476226	27.105	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	495647	61.495	ug/L	99
42) Toluene	10.386	91	1209899	26.744	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	374740	26.097	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	219842	27.493	ug/L	98
46) Tetrachloroethene	10.861	164	164263	20.626	ug/L	95
48) 2-Hexanone	10.965	43	337042	62.301	ug/L	99
49) Dibromochloromethane	11.129	129	205339	25.782	ug/L	98
50) 1,2-Dibromoethane	11.233	107	200927	27.326	ug/L	96
51) Chlorobenzene	11.654	112	629871	22.502	ug/L	96
52) Ethylbenzene	11.727	91	1087891	21.370	ug/L	97
53) m,p-Xylene	11.837	106	394733	20.911	ug/L	99
54) o-Xylene	12.166	106	376963	21.531	ug/L	94
55) Styrene	12.178	104	612500	20.496	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	224610	23.003	ug/L	99
59) Bromoform	12.343	173	101010	39.003	ug/L	99
60) Isopropylbenzene	12.465	105	825451	28.935	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	183351	42.890	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	569913	25.123	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	559617	25.252	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	263482	22.013	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	263652	22.148	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	230860	21.314	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	32722	33.403	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	89033	10.927	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	66657	9.452	ug/L	96
71) Naphthalene	15.360	128	229948	15.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	51573	8.504	ug/L	94

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

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