Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
Data File : VW025191.D
Acq On : 23 Dec 2022 12:53
Operator : SY/MD
Sample : N6169-04MSD
Misc : 4.65g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBQ97MSD

Quant Time: Dec 23 22:01:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 23 21:59:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	574298	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	511777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134633	20.337	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.360%			
7) Chloroethane-d5	2.879	69	94117	22.017	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.080%			
11) 1,1-Dichloroethene-d2	4.019	63	337937	23.300	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.200%			
21) 2-Butanone-d5	7.074	46	178444	107.364	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 214.720%#			
24) Chloroform-d	7.647	84	389440	26.270	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.080%			
26) 1,2-Dichloroethane-d4	8.305	65	227893	30.314	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.240%			
32) Benzene-d6	8.275	84	797396	26.568	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.280%			
36) 1,2-Dichloropropane-d6	9.275	67	247135	28.299	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.200%			
41) Toluene-d8	10.323	98	713141	26.207	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.840%			
43) trans-1,3-Dichloroprop...	10.573	79	114062	30.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 123.680%			
47) 2-Hexanone-d5	10.921	63	157672	123.059	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 246.120%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	259866	40.297	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 161.200%#			
66) 1,2-Dichlorobenzene-d4	13.847	152	227435	27.786	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	76344	21.935	ug/L	97
3) Chloromethane	2.215	50	110274	17.994	ug/L	97
5) Vinyl chloride	2.355	62	136394	17.791	ug/L	100
6) Bromomethane	2.776	94	72618	18.280	ug/L	94
8) Chloroethane	2.916	64	63556	17.923	ug/L	98
9) Trichlorofluoromethane	3.257	101	97365	16.946	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	157577	20.763	ug/L	98
12) 1,1-Dichloroethene	4.038	96	152734	21.109	ug/L	95
13) Acetone	4.123	43	92438	54.106	ug/L	98
14) Carbon disulfide	4.385	76	439070	19.008	ug/L	99
15) Methyl Acetate	4.672	43	105429	37.808	ug/L	97
16) Methylene chloride	4.916	84	173195	19.295	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	162426	21.176	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	306717	26.949	ug/L	99
19) 1,1-Dichloroethane	6.214	63	295375	21.312	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	177907	21.935	ug/L	93
22) 2-Butanone	7.171	43	153597	71.461	ug/L	98
23) Bromochloromethane	7.513	128	82705	24.098	ug/L	98
25) Chloroform	7.677	83	300652	21.436	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	216031	24.464	ug/L	99
29) Cyclohexane	7.952	56	276846	21.363	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	243933	20.192	ug/L	99
31) Carbon tetrachloride	8.067	117	217008	19.536	ug/L	98
33) Benzene	8.323	78	687527	21.686	ug/L	100
34) Trichloroethene	9.092	95	171101	20.603	ug/L	97
35) Methylcyclohexane	9.336	83	295567	20.066	ug/L	98
37) 1,2-Dichloropropane	9.366	63	175234	22.917	ug/L	99
38) Bromodichloromethane	9.640	83	227275	22.499	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	282490	24.178	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	332462	84.816	ug/L	99
42) Toluene	10.384	91	711289	21.413	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	255899	25.575	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	151424	27.750	ug/L	97
46) Tetrachloroethene	10.860	164	134369	22.227	ug/L	97
48) 2-Hexanone	10.963	43	239244	83.561	ug/L	99
49) Dibromochloromethane	11.128	129	165870	25.310	ug/L	91
50) 1,2-Dibromoethane	11.232	107	150035	29.531	ug/L	94
51) Chlorobenzene	11.652	112	449144	21.128	ug/L	98
52) Ethylbenzene	11.725	91	773711	20.554	ug/L	96
53) m,p-Xylene	11.835	106	300020	20.870	ug/L	99
54) o-Xylene	12.164	106	290690	21.217	ug/L	100
55) Styrene	12.176	104	493941	21.289	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	209941	32.898	ug/L	97
59) Bromoform	12.347	173	98125	29.589	ug/L	97
60) Isopropylbenzene	12.457	105	761817	20.581	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	156654	33.749	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	648721	20.460	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	640721	20.800	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	315113	20.794	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	310861	20.370	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	298943	22.620	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	41409	38.262	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	186995	17.378	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	160085	18.542	ug/L	98
71) Naphthalene	15.359	128	493752	29.173	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	152210	20.117	ug/L	98

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

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