Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
Data File : VW023143.D
Acq On : 18 May 2022 20:52
Operator : SY/VA
Sample : N2848-16MS
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EXY01MS

Quant Time: May 19 04:31:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 19 04:23:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	348558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	330827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	91448	12.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 51.160%			
7) Chloroethane-d5	2.879	69	82487	17.730	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.920%			
11) 1,1-Dichloroethene-d2	4.019	63	132821	14.374	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.480%			
21) 2-Butanone-d5	7.080	46	71110	52.300	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.600%			
24) Chloroform-d	7.647	84	231659	22.685	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.760%			
26) 1,2-Dichloroethane-d4	8.305	65	132349	23.630	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.520%			
32) Benzene-d6	8.275	84	420806	22.068	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.280%			
36) 1,2-Dichloropropane-d6	9.275	67	120692	22.532	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.120%			
41) Toluene-d8	10.323	98	353208	19.175	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.680%			
43) trans-1,3-Dichloroprop...	10.579	79	47314	19.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.720%			
47) 2-Hexanone-d5	10.927	63	58517	57.227	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.460%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	131826	26.404	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	129356	22.397	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	37126	19.539	ug/L	95
3) Chloromethane	2.209	50	76818	20.921	ug/L	100
5) Vinyl chloride	2.361	62	127540	17.308	ug/L	97
6) Bromomethane	2.770	94	86526	18.288	ug/L	88
8) Chloroethane	2.916	64	70765	19.911	ug/L	96
9) Trichlorofluoromethane	3.251	101	53919	16.009	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	94315	18.728	ug/L	95
12) 1,1-Dichloroethene	4.044	96	78622	17.611	ug/L	83
13) Acetone	4.129	43	50591	49.698	ug/L	68
14) Carbon disulfide	4.385	76	151051	12.342	ug/L	100
15) Methyl Acetate	4.678	43	40117	19.616	ug/L	99
16) Methylene chloride	4.916	84	104775	20.543	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	87966	17.510	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	179941	23.463	ug/L	100
19) 1,1-Dichloroethane	6.214	63	178692	20.987	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	113139	20.967	ug/L #	100
22) 2-Butanone	7.171	43	66845	46.954	ug/L	100
23) Bromochloromethane	7.513	128	57325	22.684	ug/L	88
25) Chloroform	7.677	83	221537	23.530	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139252	22.188	ug/L	98
29) Cyclohexane	7.952	56	133451	18.652	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	181662	23.236	ug/L	99
31) Carbon tetrachloride	8.068	117	152570	20.862	ug/L	99
33) Benzene	8.324	78	448189	22.997	ug/L	100
34) Trichloroethene	9.092	95	111207	20.748	ug/L	97
35) Methylcyclohexane	9.336	83	146659	16.656	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105437	22.356	ug/L	99
38) Bromodichloromethane	9.646	83	153761	22.953	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	152576	20.864	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	132928	44.717	ug/L	98
42) Toluene	10.384	91	452895	20.736	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	136351	20.889	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	92055	23.348	ug/L	97
46) Tetrachloroethene	10.860	164	76006	18.870	ug/L	88
48) 2-Hexanone	10.969	43	102234	51.472	ug/L	97
49) Dibromochloromethane	11.128	129	108325	22.828	ug/L	97
50) 1,2-Dibromoethane	11.232	107	84478	21.339	ug/L	95
51) Chlorobenzene	11.652	112	296650	20.602	ug/L	96
52) Ethylbenzene	11.731	91	501288	20.630	ug/L	97
53) m,p-Xylene	11.835	106	202918	21.194	ug/L	99
54) o-Xylene	12.164	106	201453	21.926	ug/L	98
55) Styrene	12.177	104	334597	21.432	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	107443	21.818	ug/L	96
59) Bromoform	12.347	173	55993	23.913	ug/L	99
60) Isopropylbenzene	12.463	105	527456	23.303	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82736	25.062	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	294136	23.358	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	429998	22.742	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	208186	20.601	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	203431	19.489	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	203784	22.037	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17132	23.745	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	118300	17.635	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	95992	17.789	ug/L	98
71) Naphthalene	15.359	128	246050	20.979	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	91938	19.224	ug/L	96

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

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