Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
Data File : VW024659.D
Acq On : 28 Sep 2022 15:36
Operator : SY/VA
Sample : N4852-02MS
Misc : 5.75g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW807MS

Quant Time: Sep 29 04:45:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 29 04:41:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	748205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	660642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	309205	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	202069	25.813	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.240%			
7) Chloroethane-d5	2.891	69	111110	24.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.720%			
11) 1,1-Dichloroethene-d2	4.025	63	423102	23.352	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.400%			
21) 2-Butanone-d5	7.086	46	119733	42.542	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.080%			
24) Chloroform-d	7.652	84	446522	22.324	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.280%			
26) 1,2-Dichloroethane-d4	8.305	65	226622	21.840	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.360%			
32) Benzene-d6	8.274	84	931952	22.071	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.280%			
36) 1,2-Dichloropropane-d6	9.274	67	282291	21.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.520%			
41) Toluene-d8	10.323	98	831319	22.027	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.120%			
43) trans-1,3-Dichloroprop...	10.579	79	122185	21.266	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.080%			
47) 2-Hexanone-d5	10.920	63	97240	44.052	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.100%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	205210	22.323	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.280%			
66) 1,2-Dichlorobenzene-d4	13.847	152	246392	22.645	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	81964	17.843	ug/L	94
3) Chloromethane	2.214	50	172386	19.271	ug/L	96
5) Vinyl chloride	2.367	62	240544	26.153	ug/L	98
6) Bromomethane	2.781	94	91142	21.471	ug/L	97
8) Chloroethane	2.922	64	93382	24.083	ug/L	99
9) Trichlorofluoromethane	3.257	101	118312	22.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	224836	22.910	ug/L #	78
12) 1,1-Dichloroethene	4.043	96	223692	22.854	ug/L	98
13) Acetone	4.141	43	98210	47.828	ug/L	98
14) Carbon disulfide	4.391	76	720853	23.329	ug/L	100
15) Methyl Acetate	4.671	43	96706	21.269	ug/L	100
16) Methylene chloride	4.921	84	295048	20.079	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	244165	22.202	ug/L	97
18) Methyl tert-butyl Ether	5.433	73	375523	21.536	ug/L	100
19) 1,1-Dichloroethane	6.220	63	438772	21.325	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	256764	21.759	ug/L	96
22) 2-Butanone	7.177	43	147101	44.787	ug/L	99
23) Bromochloromethane	7.512	128	105907	22.083	ug/L	95
25) Chloroform	7.677	83	422946	21.677	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	261967	21.338	ug/L	99
29) Cyclohexane	7.957	56	453511	22.040	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	351694	22.000	ug/L	99
31) Carbon tetrachloride	8.067	117	306464	22.638	ug/L	98
33) Benzene	8.323	78	997352	21.569	ug/L	100
34) Trichloroethene	9.091	95	253072	21.594	ug/L	97
35) Methylcyclohexane	9.335	83	468991	21.830	ug/L	99
37) 1,2-Dichloropropane	9.366	63	248026	21.728	ug/L	100
38) Bromodichloromethane	9.646	83	304028	21.652	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	390432	21.629	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	285543	42.260	ug/L	99
42) Toluene	10.390	91	1038928	21.758	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	327066	21.133	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	167865	21.529	ug/L	99
46) Tetrachloroethene	10.859	164	170157	21.369	ug/L	94
48) 2-Hexanone	10.969	43	205152	44.901	ug/L	99
49) Dibromochloromethane	11.127	129	191686	21.832	ug/L	99
50) 1,2-Dibromoethane	11.231	107	159415	21.600	ug/L	98
51) Chlorobenzene	11.658	112	628430	21.495	ug/L	98
52) Ethylbenzene	11.731	91	1141359	21.701	ug/L	100
53) m,p-Xylene	11.841	106	441108	21.478	ug/L	92
54) o-Xylene	12.164	106	418550	21.581	ug/L	96
55) Styrene	12.176	104	716431	21.912	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	200975	22.014	ug/L	98
59) Bromoform	12.347	173	95722	21.901	ug/L	100
60) Isopropylbenzene	12.463	105	1123513	22.294	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	145162	21.794	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	974644	22.251	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	937939	21.858	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	443111	21.643	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	443017	22.228	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	383657	21.514	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	33360	21.180	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	296187	21.788	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	239455	20.967	ug/L	98
71) Naphthalene	15.358	128	516781	20.782	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	204880	21.079	ug/L	96

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

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