Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
Data File : VW024532.D
Acq On : 02 Sep 2022 14:41
Operator : SY/VA
Sample : N4483-05MSD
Misc : 3.92g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW353MSD

Quant Time: Sep 03 00:04:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:58:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	406132	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160013	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	207859	25.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.560%			
7) Chloroethane-d5	2.873	69	151519	25.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.440%			
11) 1,1-Dichloroethene-d2	4.007	63	215680	22.597	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.400%			
21) 2-Butanone-d5	7.080	46	52198	40.836	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.680%			
24) Chloroform-d	7.647	84	245176	22.671	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.680%			
26) 1,2-Dichloroethane-d4	8.305	65	132717	22.724	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.880%			
32) Benzene-d6	8.275	84	478294	24.906	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.640%			
36) 1,2-Dichloropropane-d6	9.275	67	136239	24.246	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.000%			
41) Toluene-d8	10.323	98	449083	24.556	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.240%			
43) trans-1,3-Dichloroprop...	10.579	79	54103	22.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.280%			
47) 2-Hexanone-d5	10.921	63	39531	41.071	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.140%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116780	22.860	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.440%			
66) 1,2-Dichlorobenzene-d4	13.853	152	115066	21.982	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	32765	28.273	ug/L	97
3) Chloromethane	2.215	50	115836	20.484	ug/L	96
5) Vinyl chloride	2.355	62	207706	20.692	ug/L	100
6) Bromomethane	2.764	94	111234	16.338	ug/L	96
8) Chloroethane	2.910	64	106868	20.132	ug/L	99
9) Trichlorofluoromethane	3.245	101	107664	28.407	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	105821	18.635	ug/L	97
12) 1,1-Dichloroethene	4.032	96	96329	19.205	ug/L	91
13) Acetone	4.117	43	37587	37.784	ug/L	99
14) Carbon disulfide	4.373	76	246379	17.869	ug/L	100
15) Methyl Acetate	4.666	43	35278	14.582	ug/L	99
16) Methylene chloride	4.909	84	114315	19.884	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	107966	19.409	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	205309	21.292	ug/L	99
19) 1,1-Dichloroethane	6.208	63	202104	20.063	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	122057	20.203	ug/L	99
22) 2-Butanone	7.165	43	64863	39.879	ug/L	99
23) Bromochloromethane	7.513	128	56198	20.004	ug/L	88
25) Chloroform	7.671	83	220763	19.961	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Fri Sep 02 23:58:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	146634	20.184	ug/L	98
29) Cyclohexane	7.952	56	145850	19.081	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	174975	21.012	ug/L	99
31) Carbon tetrachloride	8.061	117	154758	20.496	ug/L	98
33) Benzene	8.317	78	465645	21.271	ug/L	100
34) Trichloroethene	9.086	95	117829	20.278	ug/L	97
35) Methylcyclohexane	9.329	83	148669	16.168	ug/L	99
37) 1,2-Dichloropropane	9.366	63	113238	21.466	ug/L	99
38) Bromodichloromethane	9.646	83	161096	21.604	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	151364	19.059	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142475	43.429	ug/L	99
42) Toluene	10.384	91	503863	21.137	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	138320	19.416	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	95009	21.572	ug/L	98
46) Tetrachloroethene	10.860	164	80456	18.947	ug/L	87
48) 2-Hexanone	10.969	43	90917	41.654	ug/L	99
49) Dibromochloromethane	11.128	129	112979	21.831	ug/L	97
50) 1,2-Dibromoethane	11.232	107	87254	20.918	ug/L	97
51) Chlorobenzene	11.652	112	318115	19.664	ug/L	98
52) Ethylbenzene	11.725	91	527511	19.768	ug/L	95
53) m,p-Xylene	11.835	106	205911	19.732	ug/L	96
54) o-Xylene	12.164	106	199091	19.929	ug/L	93
55) Styrene	12.176	104	333527	19.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115472	21.185	ug/L	96
59) Bromoform	12.347	173	56807	24.453	ug/L	100
60) Isopropylbenzene	12.463	105	511782	22.625	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	85757	26.548	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	410516	22.000	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	394774	21.616	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	201451	19.993	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	211974	20.535	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	181908	19.555	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	17117	23.411	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	99135	15.304	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	67032	13.533	ug/L	98
71) Naphthalene	15.365	128	181459	17.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	60030	13.438	ug/L	97

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

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