Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111622\
Data File : VW025063.D
Acq On : 16 Nov 2022 17:15
Operator : SY/VA
Sample : N5658-03MSD
Misc : 5.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQT3MSD

Quant Time: Nov 17 00:41:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 17 00:39:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	408557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	108183	21.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.480%			
7) Chloroethane-d5	2.885	69	81603	28.163	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.640%			
11) 1,1-Dichloroethene-d2	4.025	63	250709	20.348	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.400%			
21) 2-Butanone-d5	7.080	46	121626	72.857	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 145.720%#			
24) Chloroform-d	7.647	84	315055	23.558	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.240%			
26) 1,2-Dichloroethane-d4	8.305	65	174804	23.350	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.400%			
32) Benzene-d6	8.275	84	613602	23.432	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.720%			
36) 1,2-Dichloropropane-d6	9.274	67	194339	25.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.320%			
41) Toluene-d8	10.323	98	543013	22.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.080%			
43) trans-1,3-Dichloroprop...	10.579	79	81642	23.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.000%			
47) 2-Hexanone-d5	10.921	63	97808	73.793	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 147.580%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	194726	31.784	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 127.120%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	184639	24.093	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	35890	24.418	ug/L	90
3) Chloromethane	2.215	50	93606	26.478	ug/L	96
5) Vinyl chloride	2.361	62	138039	28.259	ug/L	92
6) Bromomethane	2.782	94	66705	27.364	ug/L	97
8) Chloroethane	2.922	64	63077	30.956	ug/L	98
9) Trichlorofluoromethane	3.257	101	76227	18.602	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	138762	23.913	ug/L	97
12) 1,1-Dichloroethene	4.044	96	130315	23.839	ug/L	86
13) Acetone	4.123	43	73268	61.781	ug/L	100
14) Carbon disulfide	4.385	76	346325	21.688	ug/L	98
15) Methyl Acetate	4.678	43	79286	33.580	ug/L	97
16) Methylene chloride	4.922	84	165453	21.146	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	138250	23.619	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	254711	25.941	ug/L	98
19) 1,1-Dichloroethane	6.220	63	272998	25.191	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	158752	24.883	ug/L	95
22) 2-Butanone	7.171	43	110388	62.127	ug/L	98
23) Bromochloromethane	7.513	128	72486	26.208	ug/L	95
25) Chloroform	7.677	83	277581	24.270	ug/L	95

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Quant Title : SFAM01.0
QLast Update : Thu Nov 17 00:39:48 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	185642	23.929	ug/L		96
29) Cyclohexane	7.958	56	232523	24.103	ug/L		97
30) 1,1,1-Trichloroethane	7.872	97	221269	22.131	ug/L		98
31) Carbon tetrachloride	8.067	117	198401	22.207	ug/L		96
33) Benzene	8.323	78	602615	24.493	ug/L		100
34) Trichloroethene	9.092	95	152730	23.450	ug/L		97
35) Methylcyclohexane	9.335	83	242597	21.921	ug/L		99
37) 1,2-Dichloropropane	9.366	63	159268	26.672	ug/L		100
38) Bromodichloromethane	9.646	83	208247	24.987	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	249294	26.408	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	232914	66.467	ug/L		98
42) Toluene	10.384	91	629874	24.115	ug/L		93
44) trans-1,3-Dichloropropene	10.603	75	218062	25.983	ug/L		99
45) 1,1,2-Trichloroethane	10.786	97	127842	28.355	ug/L		99
46) Tetrachloroethene	10.860	164	104670	22.472	ug/L		89
48) 2-Hexanone	10.969	43	160919	66.401	ug/L		99
49) Dibromochloromethane	11.128	129	147018	26.751	ug/L		99
50) 1,2-Dibromoethane	11.231	107	120687	28.303	ug/L		99
51) Chlorobenzene	11.658	112	403675	23.843	ug/L		99
52) Ethylbenzene	11.731	91	718258	23.823	ug/L		98
53) m,p-Xylene	11.835	106	273246	23.413	ug/L		98
54) o-Xylene	12.164	106	269832	24.507	ug/L		100
55) Styrene	12.176	104	467961	24.470	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	168877	31.223	ug/L		98
59) Bromoform	12.347	173	79899	28.328	ug/L	#	97
60) Isopropylbenzene	12.463	105	708763	23.640	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	123020	30.706	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	616177	23.676	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	614865	24.093	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	302820	24.217	ug/L		97
65) 1,4-Dichlorobenzene	13.572	146	298088	23.891	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	283832	25.245	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	29159	31.494	ug/L		96
69) 1,3,5-Trichlorobenzene	14.627	180	185808	22.435	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	157564	24.477	ug/L		97
71) Naphthalene	15.359	128	421075	31.008	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	147293	26.260	ug/L		100

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

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