Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
Data File : VV026318.D
Acq On : 16 Jun 2022 07:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005318

Quant Time: Jun 16 08:57:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:34:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	209660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	201367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	89856	4.934	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.600%			
7) Chloroethane-d5	1.580	69	72835	5.087	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.124	63	160732	5.140	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.800%			
20) 2-Butanone-d5	3.924	46	94608	53.243	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.480%			
24) Chloroform-d	4.362	84	147627	5.531	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.600%			
26) 1,2-Dichloroethane-d4	5.043	65	56035	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.059	84	291255	5.410	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%			
36) 1,2-Dichloropropane-d6	6.075	67	82935	5.278	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.317	98	275710	5.617	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.400%			
43) trans-1,3-Dichloroprop...	7.628	79	23424	4.598	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.095	63	77107	50.100	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.200%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49963	5.162	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	80687	5.216	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	83322	5.315	ug/L	98
3) Chloromethane	1.256	50	87011	4.999	ug/L	99
5) Vinyl chloride	1.326	62	92876	5.132	ug/L	97
6) Bromomethane	1.535	94	49915	4.935	ug/L	97
8) Chloroethane	1.600	64	58748	5.229	ug/L	97
9) Trichlorofluoromethane	1.767	101	132527	5.305	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	75698	5.225	ug/L	98
12) 1,1-Dichloroethene	2.133	96	71966	5.433	ug/L	98
13) Acetone	2.223	43	61445	44.621	ug/L	94
14) Carbon disulfide	2.307	76	174905	5.355	ug/L	99
15) Methyl Acetate	2.458	43	15868	4.803	ug/L	96
16) Methylene chloride	2.519	84	74732	4.422	ug/L	98
17) Methyl tert-butyl Ether	2.786	73	120423	5.287	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	68727	5.350	ug/L	97
19) 1,1-Dichloroethane	3.204	63	133201	5.437	ug/L	97
21) 2-Butanone	4.008	43	99413	55.793	ug/L	99
22) cis-1,2-Dichloroethene	3.928	96	70171	5.399	ug/L	99
23) Bromochloromethane	4.262	128	30428	5.517	ug/L	96
25) Chloroform	4.387	83	138671	5.218	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.143	62	63053	5.213	ug/L		99
29) 1,1,1-Trichloroethane	4.619	97	119993	5.393	ug/L		99
30) Cyclohexane	4.690	56	88430	5.314	ug/L		99
31) Carbon tetrachloride	4.838	117	100599	5.338	ug/L		98
33) Benzene	5.108	78	292119	5.658	ug/L		100
34) Trichloroethene	5.921	95	72264	5.127	ug/L		99
35) Methylcyclohexane	6.137	83	97090	4.980	ug/L		99
37) 1,2-Dichloropropane	6.178	63	71661	5.307	ug/L	#	97
38) Bromodichloromethane	6.516	83	87347	5.333	ug/L		100
39) cis-1,3-Dichloropropene	7.030	75	74801	4.854	ug/L		100
40) 4-Methyl-2-pentanone	7.233	43	268986	54.178	ug/L		99
42) Toluene	7.390	91	311772	5.742	ug/L		99
44) trans-1,3-Dichloropropene	7.654	75	61325	4.983	ug/L		97
45) 1,1,2-Trichloroethane	7.841	97	46466	5.243	ug/L		93
47) Tetrachloroethene	7.979	164	57360	5.494	ug/L		98
48) 2-Hexanone	8.143	43	191364	53.797	ug/L		99
49) Dibromochloromethane	8.246	129	51347	5.231	ug/L		97
50) 1,2-Dibromoethane	8.355	107	40879	5.413	ug/L		95
51) Chlorobenzene	8.882	112	190648	5.377	ug/L		100
52) Ethylbenzene	9.014	91	298217	5.479	ug/L		98
53) m,p-Xylene	9.140	106	119958	5.654	ug/L		95
54) o-Xylene	9.545	106	113839	5.538	ug/L		99
55) Styrene	9.561	104	197842	5.732	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48757	5.423	ug/L		95
59) Bromoform	9.731	173	23542	5.339	ug/L		98
60) Isopropylbenzene	9.931	105	301092	5.624	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	34532	5.299	ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	228657	5.382	ug/L		99
63) 1,2,4-Trimethylbenzene	10.914	105	231355	5.502	ug/L		100
64) 1,3-Dichlorobenzene	11.181	146	146501	5.569	ug/L		100
65) 1,4-Dichlorobenzene	11.271	146	143096	5.352	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	124731	5.353	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5836	5.056	ug/L	#	90
69) 1,3,5-Trichlorobenzene	12.644	180	96211	5.058	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	67728	4.828	ug/L		99
71) Naphthalene	13.500	128	89307	4.585	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	57826	4.923	ug/L		95

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

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