Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
Data File : VV026369.D
Acq On : 17 Jun 2022 06:02
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 17 07:24:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/17/2022
Supervised By :Mahesh Dadoda 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	214531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	70958	3.808	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.584	69	61288	4.183	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.127	63	136036	4.251	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.000%			
20) 2-Butanone-d5	3.931	46	86946	47.820	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.640%			
24) Chloroform-d	4.365	84	134995	4.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.047	65	52321	4.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.600%			
32) Benzene-d6	5.059	84	251600	4.729	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	6.076	67	72203	4.650	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.320	98	233353	4.810	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	7.629	79	17197	3.415	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.400%			
46) 2-Hexanone-d5	8.092	63	62230	40.913	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.820%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48265	5.046	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	71333	4.532	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.146	85	85210	5.312	ug/L	100
3) Chloromethane	1.259	50	86515	4.857	ug/L	98
5) Vinyl chloride	1.327	62	94157	5.085	ug/L	90
6) Bromomethane	1.539	94	47094	4.550	ug/L	100
8) Chloroethane	1.603	64	73056m	6.355	ug/L	
9) Trichlorofluoromethane	1.770	101	134144	5.248	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	76774	5.179	ug/L	98
12) 1,1-Dichloroethene	2.134	96	71228	5.255	ug/L	98
13) Acetone	2.217	43	62018	44.014	ug/L	91
14) Carbon disulfide	2.310	76	172565	5.164	ug/L	99
15) Methyl Acetate	2.458	43	34426	10.183	ug/L	95
16) Methylene chloride	2.523	84	90351	5.225	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	116244	4.988	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	68979	5.248	ug/L	97
19) 1,1-Dichloroethane	3.207	63	133912	5.342	ug/L	97
21) 2-Butanone	4.015	43	84280	46.226	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	70607	5.309	ug/L	98
23) Bromochloromethane	4.269	128	29579	5.241	ug/L	98
25) Chloroform	4.388	83	138530	5.094	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	64730	5.230	ug/L	100
29) 1,1,1-Trichloroethane	4.622	97	120978	5.502	ug/L	99
30) Cyclohexane	4.690	56	86003	5.229	ug/L	98
31) Carbon tetrachloride	4.841	117	98730	5.301	ug/L	99
33) Benzene	5.111	78	291013	5.704	ug/L	100
34) Trichloroethene	5.921	95	70243	5.043	ug/L	98
35) Methylcyclohexane	6.137	83	99382	5.158	ug/L	98
37) 1,2-Dichloropropane	6.178	63	71027	5.323	ug/L	98
38) Bromodichloromethane	6.516	83	85398	5.276	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	63922	4.197	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	252498	51.459	ug/L	99
42) Toluene	7.391	91	310657	5.789	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	49122	4.038	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46502	5.309	ug/L	95
47) Tetrachloroethene	7.979	164	56000	5.428	ug/L	99
48) 2-Hexanone	8.143	43	160788	45.737	ug/L	98
49) Dibromochloromethane	8.246	129	47486	4.895	ug/L	97
50) 1,2-Dibromoethane	8.355	107	38051	5.098	ug/L	94
51) Chlorobenzene	8.883	112	190883	5.448	ug/L	99
52) Ethylbenzene	9.014	91	300565	5.587	ug/L	99
53) m,p-Xylene	9.140	106	119844	5.715	ug/L	95
54) o-Xylene	9.545	106	111339	5.481	ug/L	97
55) Styrene	9.561	104	193038	5.659	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	50413	5.674	ug/L	99
59) Bromoform	9.731	173	19302	4.302	ug/L	100
60) Isopropylbenzene	9.931	105	300806	5.522	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34356	5.181	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	226145	5.232	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	232693	5.439	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	144932	5.415	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	140968	5.182	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	121516	5.126	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5628	4.792	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	95535	4.936	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	66680	4.671	ug/L	99
71) Naphthalene	13.500	128	85146	4.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54913	4.595	ug/L	99

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

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