Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060822\
Data File : VV026044.D
Acq On : 09 Jun 2022 00:37
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

Quant Time: Jun 09 05:27:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 09 05:13:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	191891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	177149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	52849	4.692	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.800%			
7) Chloroethane-d5	1.581	69	56919	4.833	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.121	63	116705	4.485	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.800%			
20) 2-Butanone-d5	3.918	46	93449	56.091	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.180%			
24) Chloroform-d	4.362	84	117244	4.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.200%			
26) 1,2-Dichloroethane-d4	5.043	65	47958	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.060	84	215496	5.034	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	6.076	67	68129	5.144	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.800%			
41) Toluene-d8	7.320	98	188569	4.985	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
43) trans-1,3-Dichloroprop...	7.629	79	18152	4.656	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.092	63	86576	50.458	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.920%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45217	5.064	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	63438	4.785	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	76485	4.050	ug/L	98
3) Chloromethane	1.253	50	107796	5.097	ug/L	99
5) Vinyl chloride	1.323	62	102195	4.628	ug/L	99
6) Bromomethane	1.536	94	62444	4.878	ug/L	97
8) Chloroethane	1.597	64	66367	4.886	ug/L	98
9) Trichlorofluoromethane	1.764	101	116638	4.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	59256	3.695	ug/L	98
12) 1,1-Dichloroethene	2.130	96	67902	4.399	ug/L	100
13) Acetone	2.204	43	64365	48.442	ug/L	82
14) Carbon disulfide	2.307	76	183813	4.174	ug/L	99
15) Methyl Acetate	2.455	43	18052	4.157	ug/L #	68
16) Methylene chloride	2.519	84	75662	4.920	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	134021	5.348	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	64805	4.452	ug/L	97
19) 1,1-Dichloroethane	3.204	63	131721	4.975	ug/L	98
21) 2-Butanone	4.002	43	103493	59.796	ug/L	99
22) cis-1,2-Dichloroethene	3.925	96	70694	4.927	ug/L	98
23) Bromochloromethane	4.262	128	30324	5.028	ug/L	96
25) Chloroform	4.388	83	133930	4.928	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	67410	5.016	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	104826	4.509	ug/L	99
30) Cyclohexane	4.687	56	79729	3.943	ug/L	99
31) Carbon tetrachloride	4.838	117	82475	4.320	ug/L	98
33) Benzene	5.108	78	276224	4.962	ug/L	100
34) Trichloroethene	5.921	95	65207	4.483	ug/L	99
35) Methylcyclohexane	6.137	83	79652	3.553	ug/L	99
37) 1,2-Dichloropropane	6.178	63	67969	5.038	ug/L	100
38) Bromodichloromethane	6.516	83	82192	5.043	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	73263	4.407	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	322399	58.495	ug/L	97
42) Toluene	7.391	91	274792	4.724	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	63323	4.862	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46549	5.313	ug/L	97
47) Tetrachloroethene	7.976	164	43879	3.897	ug/L	99
48) 2-Hexanone	8.143	43	222742	56.935	ug/L	99
49) Dibromochloromethane	8.246	129	47752	4.993	ug/L	99
50) 1,2-Dibromoethane	8.355	107	40737	5.225	ug/L	96
51) Chlorobenzene	8.883	112	167300	4.419	ug/L	99
52) Ethylbenzene	9.014	91	257496	4.224	ug/L	99
53) m,p-Xylene	9.140	106	99562	4.225	ug/L	99
54) o-Xylene	9.545	106	97515	4.353	ug/L	94
55) Styrene	9.561	104	172288	4.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	46567	4.964	ug/L	94
59) Bromoform	9.731	173	21377	5.258	ug/L	100
60) Isopropylbenzene	9.931	105	247477	4.297	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	36307	5.368	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	186006	4.078	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	191335	4.213	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	117483	4.294	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	118242	4.244	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109689	4.533	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6222	5.176	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	74327	3.751	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	55414	3.752	ug/L	97
71) Naphthalene	13.500	128	92804	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50447	4.035	ug/L	97

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

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