Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071822\
Data File : VV026819.D
Acq On : 18 Jul 2022 18:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005358

Quant Time: Jul 19 03:12:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251837	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88589	3.856	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.200%			
7) Chloroethane-d5	1.561	69	82501	4.156	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.200%			
11) 1,1-Dichloroethene-d2	2.105	63	175035	3.968	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.400%			
20) 2-Butanone-d5	3.892	46	167988	46.849	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.700%			
24) Chloroform-d	4.346	84	190723	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.031	65	83785	4.774	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	5.047	84	338627	4.328	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	6.069	67	107029	4.562	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.313	98	300852	4.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	7.622	79	33110	4.314	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.088	63	163820	49.295	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.580%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	88244	4.828	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	106845	4.508	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	152539	4.764	ug/L	100
3) Chloromethane	1.236	50	137999	4.492	ug/L	96
5) Vinyl chloride	1.304	62	146330	4.678	ug/L	100
6) Bromomethane	1.516	94	77088	4.117	ug/L	95
8) Chloroethane	1.581	64	88651	4.810	ug/L	97
9) Trichlorofluoromethane	1.748	101	197174	4.960	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	109473	4.807	ug/L	99
12) 1,1-Dichloroethene	2.111	96	104866	4.749	ug/L	98
13) Acetone	2.179	43	103945	34.454	ug/L #	27
14) Carbon disulfide	2.288	76	310232	4.769	ug/L	99
15) Methyl Acetate	2.433	43	35066	5.747	ug/L	100
16) Methylene chloride	2.500	84	132433	5.035	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	199591	5.247	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	106816	5.263	ug/L	99
19) 1,1-Dichloroethane	3.185	63	200157	5.401	ug/L	99
21) 2-Butanone	3.976	43	176083	50.046	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	106810	5.218	ug/L	99
23) Bromochloromethane	4.246	128	51133	5.422	ug/L	97
25) Chloroform	4.371	83	209559	5.399	ug/L	98

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Quant Time: Jul 19 03:12:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108283	5.177	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	177862	5.126	ug/L	98
30) Cyclohexane	4.674	56	140813	4.762	ug/L	98
31) Carbon tetrachloride	4.822	117	152192	4.966	ug/L	98
33) Benzene	5.095	78	442909	5.145	ug/L	100
34) Trichloroethene	5.912	95	106633	5.040	ug/L	97
35) Methylcyclohexane	6.127	83	151744	4.699	ug/L	98
37) 1,2-Dichloropropane	6.172	63	112995	5.489	ug/L	98
38) Bromodichloromethane	6.510	83	137368	5.118	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	124230	4.856	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	512178	53.862	ug/L	98
42) Toluene	7.384	91	463204	5.327	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	106791	5.084	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	78347	5.206	ug/L	96
47) Tetrachloroethene	7.973	164	84987	5.121	ug/L	98
48) 2-Hexanone	8.140	43	376667	54.730	ug/L	99
49) Dibromochloromethane	8.243	129	87232	5.030	ug/L	99
50) 1,2-Dibromoethane	8.352	107	69499	5.219	ug/L	100
51) Chlorobenzene	8.879	112	285730	5.198	ug/L	98
52) Ethylbenzene	9.011	91	428812	4.984	ug/L	100
53) m,p-Xylene	9.136	106	172122	5.144	ug/L	97
54) o-Xylene	9.542	106	160600	5.050	ug/L	96
55) Styrene	9.561	104	290852	5.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	92200	5.176	ug/L	99
59) Bromoform	9.731	173	41370	4.740	ug/L	98
60) Isopropylbenzene	9.931	105	421342	4.966	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	63110	5.031	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	319771	4.737	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	332491	4.851	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	212806	5.119	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	210042	4.969	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	196301	5.056	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	12459	4.685	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	140260	4.773	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	101885	4.559	ug/L	99
71) Naphthalene	13.500	128	160026	4.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	95472	4.592	ug/L	99

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

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