Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
Data File : VV028070.D
Acq On : 22 Sep 2022 19:26
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005299

Quant Time: Sep 23 04:33:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:15:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197010	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99218	4.858	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.200%			
7) Chloroethane-d5	1.561	69	78324	4.823	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.400%			
11) 1,1-Dichloroethene-d2	2.101	63	162239	4.580	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.600%			
20) 2-Butanone-d5	3.886	46	158654	46.011	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.020%			
24) Chloroform-d	4.339	84	160875	4.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.027	65	76060	4.904	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.043	84	315082	4.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
36) 1,2-Dichloropropane-d6	6.063	67	96928	4.820	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.400%			
41) Toluene-d8	7.310	98	290037	4.968	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.400%			
43) trans-1,3-Dichloroprop...	7.619	79	35458	4.881	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.600%			
46) 2-Hexanone-d5	8.085	63	154535	50.973	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.940%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61410	4.468	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	96604	4.878	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	70991	4.825	ug/L	92
3) Chloromethane	1.236	50	69997	3.592	ug/L	94
5) Vinyl chloride	1.304	62	77982	5.104	ug/L	99
6) Bromomethane	1.516	94	47845	4.809	ug/L	98
8) Chloroethane	1.577	64	49628	4.844	ug/L	99
9) Trichlorofluoromethane	1.744	101	118054	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64647	4.625	ug/L	99
12) 1,1-Dichloroethene	2.111	96	58857	4.323	ug/L	93
13) Acetone	2.175	43	88562	33.344	ug/L	100
14) Carbon disulfide	2.285	76	130002	4.976	ug/L	98
15) Methyl Acetate	2.432	43	22957	4.453	ug/L	95
16) Methylene chloride	2.500	84	101829	6.700	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	151022	5.156	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	61047	5.122	ug/L	97
19) 1,1-Dichloroethane	3.182	63	135711	5.220	ug/L	97
21) 2-Butanone	3.969	43	138401	42.090	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	71329	4.561	ug/L	97
23) Bromochloromethane	4.239	128	30823	4.922	ug/L	96
25) Chloroform	4.368	83	139338	4.994	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77186	5.188	ug/L	#	95
29) 1,1,1-Trichloroethane	4.600	97	117721	4.870	ug/L		99
30) Cyclohexane	4.667	56	89407	5.114	ug/L		97
31) Carbon tetrachloride	4.818	117	97866	4.920	ug/L		99
33) Benzene	5.092	78	277835	5.086	ug/L		100
34) Trichloroethene	5.908	95	67045	4.930	ug/L		99
35) Methylcyclohexane	6.124	83	92700	4.971	ug/L		99
37) 1,2-Dichloropropane	6.169	63	74085	4.838	ug/L		100
38) Bromodichloromethane	6.506	83	93200	4.929	ug/L		98
39) cis-1,3-Dichloropropene	7.024	75	93617	4.921	ug/L		98
40) 4-Methyl-2-pentanone	7.223	43	411201	55.292	ug/L		97
42) Toluene	7.384	91	295337	5.183	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	80333	4.910	ug/L		95
45) 1,1,2-Trichloroethane	7.837	97	52535	5.118	ug/L		96
47) Tetrachloroethene	7.969	164	52328	4.821	ug/L		98
48) 2-Hexanone	8.136	43	304521	53.939	ug/L		98
49) Dibromochloromethane	8.243	129	61285	4.965	ug/L		98
50) 1,2-Dibromoethane	8.349	107	42736	4.790	ug/L		99
51) Chlorobenzene	8.879	112	187078	4.895	ug/L		97
52) Ethylbenzene	9.008	91	299140	4.962	ug/L		100
53) m,p-Xylene	9.133	106	115382	4.994	ug/L		99
54) o-Xylene	9.541	106	114203	5.006	ug/L		99
55) Styrene	9.558	104	203251	5.141	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	56960	4.762	ug/L		98
59) Bromoform	9.728	173	32993	5.147	ug/L		99
60) Isopropylbenzene	9.927	105	306971	5.180	ug/L		99
61) 1,2,3-Trichloropropane	10.271	75	42014	4.961	ug/L		99
62) 1,3,5-Trimethylbenzene	10.535	105	82236	4.926	ug/L		98
63) 1,2,4-Trimethylbenzene	10.911	105	236115	5.060	ug/L		99
64) 1,3-Dichlorobenzene	11.178	146	153080	5.191	ug/L		98
65) 1,4-Dichlorobenzene	11.268	146	150919	5.115	ug/L		97
67) 1,2-Dichlorobenzene	11.641	146	142724	5.123	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9682	5.216	ug/L		87
69) 1,3,5-Trichlorobenzene	12.641	180	116287	4.982	ug/L		100
70) 1,2,4-trichlorobenzene	13.258	180	91832	4.919	ug/L		99
71) Naphthalene	13.500	128	145736	4.767	ug/L		98
72) 1,2,3-Trichlorobenzene	13.741	180	86080	5.098	ug/L		98

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

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