Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029340.D
Acq On : 24 Nov 2022 10:32
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Quant Time: Nov 25 00:24:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 04:08:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	314061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	273315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95973	4.966	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.400%			
7) Chloroethane-d5	1.564	69	70457	4.980	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.104	63	150436	4.864	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.200%			
20) 2-Butanone-d5	3.899	46	146831	45.413	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.820%			
24) Chloroform-d	4.339	84	171575	4.973	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
26) 1,2-Dichloroethane-d4	5.027	65	74520	4.910	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	5.043	84	373029	4.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
36) 1,2-Dichloropropane-d6	6.063	67	103378	4.870	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.400%			
41) Toluene-d8	7.307	98	350478	4.916	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
43) trans-1,3-Dichloroprop...	7.616	79	40886	4.996	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.000%			
46) 2-Hexanone-d5	8.085	63	144806	49.641	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.280%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67397	5.146	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	11.612	152	120402	4.986	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	105870	4.518	ug/L	99
3) Chloromethane	1.240	50	97467	4.540	ug/L	98
5) Vinyl chloride	1.307	62	101139	4.727	ug/L	100
6) Bromomethane	1.519	94	52292	3.917	ug/L	98
8) Chloroethane	1.584	64	60536	4.761	ug/L	99
9) Trichlorofluoromethane	1.751	101	137612	4.595	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	74980	4.491	ug/L	100
12) 1,1-Dichloroethene	2.114	96	76039	4.709	ug/L	93
13) Acetone	2.195	43	74756	31.799	ug/L	97
14) Carbon disulfide	2.291	76	214025	4.561	ug/L	99
15) Methyl Acetate	2.439	43	24962	3.695	ug/L	94
16) Methylene chloride	2.503	84	101590	4.117	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	192664	4.666	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	88295	4.764	ug/L	99
19) 1,1-Dichloroethane	3.182	63	163248	4.894	ug/L	97
21) 2-Butanone	3.982	43	146355	39.768	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	100223	4.728	ug/L	96
23) Bromochloromethane	4.239	128	40715	4.795	ug/L	96
25) Chloroform	4.365	83	164370	4.719	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	85175	4.514	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	148978	4.739	ug/L	98
30) Cyclohexane	4.667	56	146756	4.723	ug/L	99
31) Carbon tetrachloride	4.821	117	120999	4.551	ug/L	99
33) Benzene	5.092	78	376004	4.600	ug/L	100
34) Trichloroethene	5.905	95	95164	4.563	ug/L	97
35) Methylcyclohexane	6.124	83	156836	4.456	ug/L	99
37) 1,2-Dichloropropane	6.165	63	91323	4.742	ug/L	99
38) Bromodichloromethane	6.503	83	107312	4.655	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	128705	4.572	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	414834	46.037	ug/L	100
42) Toluene	7.381	91	407048	4.640	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	99911	4.481	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	61649	4.729	ug/L	99
47) Tetrachloroethene	7.966	164	76297	4.463	ug/L	97
48) 2-Hexanone	8.136	43	264775	42.150	ug/L	96
49) Dibromochloromethane	8.236	129	69140	4.715	ug/L	100
50) 1,2-Dibromoethane	8.345	107	54731	4.811	ug/L	99
51) Chlorobenzene	8.873	112	262585	4.788	ug/L	98
52) Ethylbenzene	9.005	91	438089	4.789	ug/L	98
53) m,p-Xylene	9.130	106	169897	4.709	ug/L	99
54) o-Xylene	9.535	106	169565	4.785	ug/L	98
55) Styrene	9.551	104	287905	4.813	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	66583	4.936	ug/L	99
59) Bromoform	9.722	173	36283	4.997	ug/L	98
60) Isopropylbenzene	9.921	105	451905	5.057	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	49010	5.113	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	372966	4.820	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	373484	4.799	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	198218	4.755	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	194228	4.709	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	183583	4.780	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	8864	4.708	ug/L	93
69) 1,3,5-Trichlorobenzene	12.631	180	156715	4.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	126768	4.555	ug/L	100
71) Naphthalene	13.493	128	152187	6.316	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	107842	4.760	ug/L	98

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

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