Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112922\
Data File : VV029384.D
Acq On : 29 Nov 2022 17:11
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Quant Time: Nov 30 00:21:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 30 00:19:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	302657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	274149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	149166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89881	4.826	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.600%			
7) Chloroethane-d5	1.564	69	70547	5.174	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.400%			
11) 1,1-Dichloroethene-d2	2.108	63	147076	4.935	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.600%			
20) 2-Butanone-d5	3.889	46	188733	60.572	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.140%			
24) Chloroform-d	4.339	84	173938	5.232	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.024	65	77457	5.295	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	5.043	84	366228	4.834	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.063	67	106635	5.009	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.307	98	343824	4.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	7.616	79	42173	5.138	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.800%			
46) 2-Hexanone-d5	8.082	63	166496	56.903	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.800%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	77536	5.902	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	128963	4.949	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	110457	4.891	ug/L	100
3) Chloromethane	1.240	50	124414	6.013	ug/L	100
5) Vinyl chloride	1.310	62	109857	5.328	ug/L	99
6) Bromomethane	1.519	94	50299	3.910	ug/L	99
8) Chloroethane	1.584	64	63846	5.210	ug/L	98
9) Trichlorofluoromethane	1.751	101	146725	5.084	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84926	5.278	ug/L	97
12) 1,1-Dichloroethene	2.114	96	80798	5.192	ug/L	97
13) Acetone	2.182	43	107114	47.280	ug/L	97
14) Carbon disulfide	2.291	76	226173	5.002	ug/L	100
15) Methyl Acetate	2.436	43	28731	4.413	ug/L	97
16) Methylene chloride	2.503	84	119482	5.025	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	204950	5.151	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	93590	5.240	ug/L	97
19) 1,1-Dichloroethane	3.182	63	171493	5.335	ug/L	98
21) 2-Butanone	3.969	43	188449	53.135	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	105264	5.153	ug/L	96
23) Bromochloromethane	4.240	128	43722	5.343	ug/L	97
25) Chloroform	4.365	83	173851	5.180	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	91545	5.034	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	151834	4.815	ug/L	99
30) Cyclohexane	4.670	56	149982	4.812	ug/L	99
31) Carbon tetrachloride	4.822	117	128460	4.817	ug/L	97
33) Benzene	5.092	78	394819	4.815	ug/L	100
34) Trichloroethene	5.908	95	100834	4.821	ug/L	99
35) Methylcyclohexane	6.124	83	171141	4.847	ug/L	97
37) 1,2-Dichloropropane	6.166	63	99016	5.126	ug/L	98
38) Bromodichloromethane	6.503	83	116829	5.053	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	139048	4.925	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	465569	51.511	ug/L	100
42) Toluene	7.381	91	429995	4.886	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	110875	4.957	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	67087	5.130	ug/L	99
47) Tetrachloroethene	7.969	164	83409	4.865	ug/L	98
48) 2-Hexanone	8.133	43	324884	51.562	ug/L	99
49) Dibromochloromethane	8.236	129	76472	5.199	ug/L	99
50) 1,2-Dibromoethane	8.345	107	61256	5.368	ug/L	98
51) Chlorobenzene	8.873	112	275916	5.016	ug/L	100
52) Ethylbenzene	9.005	91	464006	5.057	ug/L	99
53) m,p-Xylene	9.130	106	181305	5.010	ug/L	96
54) o-Xylene	9.535	106	178159	5.012	ug/L	99
55) Styrene	9.551	104	314548	5.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	76760	5.673	ug/L	100
59) Bromoform	9.722	173	41529	5.299	ug/L	99
60) Isopropylbenzene	9.921	105	481190	4.989	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	53680	5.189	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	411520	4.928	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	420409	5.005	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	229909	5.110	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	227272	5.106	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	207524	5.006	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10753	5.293	ug/L	97
69) 1,3,5-Trichlorobenzene	12.631	180	179412	4.840	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	142977	4.760	ug/L	100
71) Naphthalene	13.493	128	68916	2.650	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	119964	4.906	ug/L	99

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

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