Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033122\
Data File : VV025335.D
Acq On : 31 Mar 2022 16:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005361

Quant Time: Apr 01 01:33:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 01 01:30:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62289	4.704	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.000%			
7) Chloroethane-d5	1.568	69	54770	4.928	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.600%			
11) 1,1-Dichloroethene-d2	2.111	63	130145	4.537	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.800%			
20) 2-Butanone-d5	3.892	46	68589	51.995	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.980%			
24) Chloroform-d	4.349	84	89563	5.182	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.031	65	38025	4.978	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
32) Benzene-d6	5.050	84	174180	5.042	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
36) 1,2-Dichloropropane-d6	6.069	67	46482	4.801	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.000%			
41) Toluene-d8	7.313	98	160949	5.079	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
43) trans-1,3-Dichloroprop...	7.622	79	15695	4.969	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.400%			
46) 2-Hexanone-d5	8.088	63	55577	48.721	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.440%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33656	5.213	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	53608	4.683	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	73290	5.175	ug/L	100
3) Chloromethane	1.243	50	83685	5.010	ug/L	99
5) Vinyl chloride	1.314	62	91625	4.912	ug/L	98
6) Bromomethane	1.523	94	55061	4.972	ug/L	99
8) Chloroethane	1.587	64	64582	5.516	ug/L	97
9) Trichlorofluoromethane	1.754	101	138445	5.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	71830	4.795	ug/L	99
12) 1,1-Dichloroethene	2.121	96	71723	5.025	ug/L	98
13) Acetone	2.185	43	59951	59.558	ug/L	78
14) Carbon disulfide	2.294	76	159303	5.387	ug/L	99
15) Methyl Acetate	2.439	43	13947	6.086	ug/L	93
16) Methylene chloride	2.507	84	58309	5.203	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	99152	5.491	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	57057	5.569	ug/L	96
19) 1,1-Dichloroethane	3.188	63	96874	5.664	ug/L	99
21) 2-Butanone	3.976	43	87264	63.002	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	59765	5.742	ug/L	91
23) Bromochloromethane	4.249	128	25924	5.971	ug/L	96
25) Chloroform	4.375	83	108027	5.693	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55766	5.691	ug/L		99
29) 1,1,1-Trichloroethane	4.606	97	95785	5.801	ug/L		99
30) Cyclohexane	4.677	56	71544	4.845	ug/L		99
31) Carbon tetrachloride	4.828	117	82438	5.768	ug/L		98
33) Benzene	5.098	78	230628	5.758	ug/L		100
34) Trichloroethene	5.912	95	60379	5.490	ug/L		95
35) Methylcyclohexane	6.130	83	82898	4.810	ug/L		99
37) 1,2-Dichloropropane	6.172	63	51990	5.596	ug/L		100
38) Bromodichloromethane	6.510	83	70731	6.009	ug/L		99
39) cis-1,3-Dichloropropene	7.027	75	65877	5.468	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	218620	58.932	ug/L		100
42) Toluene	7.384	91	248932	5.822	ug/L		98
44) trans-1,3-Dichloropropene	7.651	75	52178	5.509	ug/L		98
45) 1,1,2-Trichloroethane	7.838	97	37540	5.901	ug/L		96
47) Tetrachloroethene	7.973	164	45435	5.602	ug/L		98
48) 2-Hexanone	8.137	43	157288	59.282	ug/L		98
49) Dibromochloromethane	8.243	129	42165	6.159	ug/L		98
50) 1,2-Dibromoethane	8.352	107	34274	5.783	ug/L		98
51) Chlorobenzene	8.879	112	157605	5.708	ug/L		99
52) Ethylbenzene	9.011	91	255192	5.627	ug/L		99
53) m,p-Xylene	9.137	106	100225	5.682	ug/L		94
54) o-Xylene	9.542	106	95674	5.674	ug/L		96
55) Styrene	9.558	104	166298	5.998	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39591	5.970	ug/L		98
59) Bromoform	9.731	173	18240	6.260	ug/L		99
60) Isopropylbenzene	9.928	105	257331	5.443	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	29286	5.430	ug/L		99
62) 1,3,5-Trimethylbenzene	10.538	105	108219	5.105	ug/L		100
63) 1,2,4-Trimethylbenzene	10.911	105	200762	5.308	ug/L		98
64) 1,3-Dichlorobenzene	11.178	146	120860	5.459	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	118304	5.336	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	106713	5.477	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.423	75	5205	5.390	ug/L	#	83
69) 1,3,5-Trichlorobenzene	12.641	180	84111	5.266	ug/L		98
70) 1,2,4-trichlorobenzene	13.259	180	63691	5.285	ug/L		97
71) Naphthalene	13.500	128	94242	5.018	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	55195	5.316	ug/L		97

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

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