Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
Data File : VV037879.D
Acq On : 16 Oct 2024 17:25
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV202

Quant Time: Oct 17 02:48:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 02:37:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	302900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	316269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	166870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94515	4.737	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.529	69	82578	4.647	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.000%			
11) 1,1-Dichloroethene-d2	2.053	65	44992	4.842	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.800%			
20) 2-Butanone-d5	3.825	46	219929	48.127	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.260%			
24) Chloroform-d	4.239	84	214154	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	4.937	65	96756	4.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	4.953	84	407108	5.035	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	5.982	67	120523	4.985	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.236	98	376484	5.071	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%			
43) trans-1,3-Dichloroprop...	7.554	79	43159	4.665	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.024	63	204299	52.756	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.520%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101295	5.116	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	137977	4.849	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	149263	4.945	ug/L	99
3) Chloromethane	1.214	50	144170	4.964	ug/L	98
5) Vinyl chloride	1.278	62	147920	4.973	ug/L	99
6) Bromomethane	1.484	94	91071	4.815	ug/L	99
8) Chloroethane	1.545	64	89778	4.985	ug/L	96
9) Trichlorofluoromethane	1.709	101	195580	4.896	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	114168	4.924	ug/L	98
12) 1,1-Dichloroethene	2.063	96	112184	5.102	ug/L	97
13) Acetone	2.153	43	173000	50.046	ug/L	98
14) Carbon disulfide	2.233	76	372852	4.959	ug/L	100
15) Methyl Acetate	2.391	43	44738	5.043	ug/L	98
16) Methylene chloride	2.442	84	128313	4.544	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	274737	5.386	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	124752	5.092	ug/L	99
19) 1,1-Dichloroethane	3.104	63	223242	5.171	ug/L	99
21) 2-Butanone	3.902	43	248052	47.478	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	131400	5.231	ug/L	95
23) Bromochloromethane	4.143	128	59895	5.139	ug/L	95
25) Chloroform	4.268	83	232844	5.121	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	132999	5.334	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	199225	5.120	ug/L	99
30) Cyclohexane	4.571	56	171080	5.073	ug/L	99
31) Carbon tetrachloride	4.725	117	174112	5.152	ug/L	99
33) Benzene	5.002	78	499151	5.292	ug/L	100
34) Trichloroethene	5.828	95	133385	5.254	ug/L	99
35) Methylcyclohexane	6.040	83	192035	5.110	ug/L	97
37) 1,2-Dichloropropane	6.088	63	117579	4.952	ug/L	99
38) Bromodichloromethane	6.429	83	158423	5.158	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	171222	4.982	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	672096	53.730	ug/L	99
42) Toluene	7.310	91	534046	5.420	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	146873	5.227	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	92669	5.250	ug/L	98
47) Tetrachloroethene	7.899	164	101918	5.141	ug/L	97
48) 2-Hexanone	8.072	43	477841	53.107	ug/L	100
49) Dibromochloromethane	8.169	129	98381	5.027	ug/L	98
50) 1,2-Dibromoethane	8.278	107	89210	5.284	ug/L	98
51) Chlorobenzene	8.808	112	350293	5.244	ug/L	99
52) Ethylbenzene	8.940	91	571806	5.306	ug/L	99
53) m,p-Xylene	9.066	106	219278	5.468	ug/L	99
54) o-Xylene	9.471	106	208114	5.311	ug/L	100
55) Styrene	9.490	104	372660	5.543	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	111910	5.406	ug/L	96
59) Bromoform	9.661	173	49866	4.722	ug/L	98
60) Isopropylbenzene	9.860	105	570752	5.368	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	76523	5.230	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	440736	5.244	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	452190	5.414	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	282947	5.223	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	286515	5.158	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	262085	5.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	15783	5.159	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	199872	5.117	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	164278	5.164	ug/L	98
71) Naphthalene	13.435	128	254298	5.144	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	147381	5.236	ug/L	99

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

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