Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
Data File : VU052391.D
Acq On : 13 Dec 2022 20:39
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005106

Quant Time: Dec 14 03:23:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 14 03:17:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	242269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	242331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	87898	3.730	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.600%			
7) Chloroethane-d5	1.915	69	83460	4.560	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.568	65	37256	4.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	4.639	46	293088	68.614	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 137.220%#			
24) Chloroform-d	5.063	84	191523	5.531	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.600%			
26) 1,2-Dichloroethane-d4	5.700	65	98251	5.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.400%			
32) Benzene-d6	5.726	84	383976	5.337	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
36) 1,2-Dichloropropane-d6	6.687	67	125288	5.627	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.600%			
41) Toluene-d8	7.896	98	352587	5.417	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.400%			
43) trans-1,3-Dichloroprop...	8.176	79	44076	5.432	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.600%			
46) 2-Hexanone-d5	8.632	63	230582	67.061	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 134.120%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	119072	6.168	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 123.400%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	133180	5.300	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	93457	4.448	ug/L	100
3) Chloromethane	1.520	50	113082	4.124	ug/L	99
5) Vinyl chloride	1.607	62	120258	4.564	ug/L	99
6) Bromomethane	1.861	94	62847	4.648	ug/L	96
8) Chloroethane	1.938	64	76109	4.645	ug/L	96
9) Trichlorofluoromethane	2.141	101	134206	4.630	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	83008	4.684	ug/L	99
12) 1,1-Dichloroethene	2.581	96	86349	4.913	ug/L	94
13) Acetone	2.661	43	170709	58.852	ug/L	99
14) Carbon disulfide	2.796	76	277112	4.555	ug/L	99
15) Methyl Acetate	2.960	43	43051	5.722	ug/L	98
16) Methylene chloride	3.047	84	177778	7.477	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	207236	5.267	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	93347	4.955	ug/L	97
19) 1,1-Dichloroethane	3.867	63	179655	5.291	ug/L	98
21) 2-Butanone	4.716	43	284759	61.251	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	104314	5.276	ug/L	97
23) Bromochloromethane	4.973	128	50910	5.382	ug/L	93
25) Chloroform	5.086	83	180077	5.234	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	112932	5.359	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	137701	5.122	ug/L	100
30) Cyclohexane	5.388	56	124059	4.752	ug/L	97
31) Carbon tetrachloride	5.523	117	111770	4.893	ug/L	100
33) Benzene	5.771	78	410830	5.209	ug/L	100
34) Trichloroethene	6.539	95	105245	5.350	ug/L	98
35) Methylcyclohexane	6.761	83	133039	4.702	ug/L	99
37) 1,2-Dichloropropane	6.787	63	109584	5.367	ug/L	100
38) Bromodichloromethane	7.102	83	130348	5.236	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	132254	5.045	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	647411	60.697	ug/L	100
42) Toluene	7.967	91	437016	5.387	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	116929	5.208	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	83821	5.462	ug/L	99
47) Tetrachloroethene	8.552	164	74175	4.920	ug/L	98
48) 2-Hexanone	8.680	43	495452	63.360	ug/L	99
49) Dibromochloromethane	8.806	129	94580	5.503	ug/L	95
50) 1,2-Dibromoethane	8.922	107	78280	5.601	ug/L	99
51) Chlorobenzene	9.443	112	272639	5.271	ug/L	99
52) Ethylbenzene	9.568	91	411831	5.222	ug/L	99
53) m,p-Xylene	9.690	106	165122	5.407	ug/L	98
54) o-Xylene	10.098	106	157246	5.372	ug/L	100
55) Styrene	10.111	104	275930	5.581	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	111920	5.840	ug/L	99
59) Bromoform	10.285	173	55900	5.171	ug/L	98
60) Isopropylbenzene	10.481	105	403608	4.895	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	76031	5.061	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	305865	4.641	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	309222	4.727	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	213303	5.067	ug/L	98
65) 1,4-Dichlorobenzene	11.831	146	214837	5.117	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	206385	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15454	4.701	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	148023	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	118292	5.204	ug/L	100
71) Naphthalene	14.082	128	204703	4.796	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	116980	5.230	ug/L	100

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

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