Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
Data File : VU050062.D
Acq On : 04 Aug 2022 13:20
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV055

Quant Time: Aug 05 04:43:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 05 04:40:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	109964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	108056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44907	4.907	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.200%			
7) Chloroethane-d5	1.912	69	36045	4.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.559	65	17181	4.804	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.000%			
20) 2-Butanone-d5	4.645	46	122177	54.748	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.500%			
24) Chloroform-d	5.063	84	84812	4.983	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	5.703	65	41459	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
32) Benzene-d6	5.726	84	167497	4.967	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	6.690	67	54469	4.905	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.200%			
41) Toluene-d8	7.896	98	152018	5.104	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	8.179	79	20302	5.102	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.000%			
46) 2-Hexanone-d5	8.639	63	77025	54.586	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.180%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48066	4.929	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.600%			
66) 1,2-Dichlorobenzene-d4	12.192	152	48745	4.958	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	55770	5.532	ug/L	99
3) Chloromethane	1.520	50	70860	5.373	ug/L	100
5) Vinyl chloride	1.601	62	65488	5.543	ug/L	100
6) Bromomethane	1.858	94	41222	5.466	ug/L	99
8) Chloroethane	1.932	64	37814	5.432	ug/L	97
9) Trichlorofluoromethane	2.134	101	70737	5.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	37966	5.275	ug/L	99
12) 1,1-Dichloroethene	2.575	96	40723	5.358	ug/L	92
13) Acetone	2.646	43	75946	61.108	ug/L	99
14) Carbon disulfide	2.784	76	146497	5.396	ug/L	98
15) Methyl Acetate	2.957	43	19869	5.855	ug/L	92
16) Methylene chloride	3.041	84	57624	4.962	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	114874	5.791	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	47440	5.574	ug/L	94
19) 1,1-Dichloroethane	3.867	63	89997	5.584	ug/L	99
21) 2-Butanone	4.719	43	144612	64.708	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	54123	5.730	ug/L	97
23) Bromochloromethane	4.973	128	25251	5.593	ug/L	98
25) Chloroform	5.089	83	95352	5.550	ug/L	100

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV055

Quant Time: Aug 05 04:43:36 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	59221	5.663	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	74232	5.600	ug/L	99
30) Cyclohexane	5.385	56	66163	5.729	ug/L	99
31) Carbon tetrachloride	5.523	117	60461	5.564	ug/L	99
33) Benzene	5.774	78	216762	5.725	ug/L	100
34) Trichloroethene	6.543	95	51221	5.594	ug/L	97
35) Methylcyclohexane	6.761	83	66810	5.652	ug/L	99
37) 1,2-Dichloropropane	6.793	63	57573	5.709	ug/L	100
38) Bromodichloromethane	7.105	83	69373	5.663	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	75365	5.727	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	339505	58.125	ug/L	99
42) Toluene	7.970	91	222129	5.850	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64317	5.698	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	42126	5.588	ug/L	96
47) Tetrachloroethene	8.552	164	37151	5.663	ug/L	98
48) 2-Hexanone	8.687	43	266517	58.995	ug/L	100
49) Dibromochloromethane	8.809	129	47019	5.635	ug/L	97
50) 1,2-Dibromoethane	8.925	107	39533	5.784	ug/L	95
51) Chlorobenzene	9.446	112	135242	5.661	ug/L	97
52) Ethylbenzene	9.571	91	213817	5.771	ug/L	100
53) m,p-Xylene	9.694	106	82433	6.041	ug/L	100
54) o-Xylene	10.102	106	82114	6.029	ug/L	99
55) Styrene	10.115	104	143357	6.300	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	55128	5.565	ug/L	100
59) Bromoform	10.292	173	27411	5.447	ug/L	98
60) Isopropylbenzene	10.484	105	198267	5.916	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	38017	5.561	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	54041	5.707	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	154978	6.008	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	95936	5.679	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	93149	5.667	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	92622	5.662	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8273	6.172	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	66428	5.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	51724	5.673	ug/L	100
71) Naphthalene	14.086	128	107781	5.765	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	53383	5.776	ug/L	99

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

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