Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
Data File : VU051957.D
Acq On : 19 Nov 2022 16:08
Operator : JC/MD
Sample : N5693-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

Quant Time: Nov 19 21:45:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 19 21:39:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	242309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109194	4.633	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.600%			
7) Chloroethane-d5	1.909	69	89844	4.908	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.565	65	39601	4.687	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.800%			
20) 2-Butanone-d5	4.617	46	220197	51.541	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.080%			
24) Chloroform-d	5.060	84	181195	5.232	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.700	65	88043	5.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.726	84	373026	5.215	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%			
36) 1,2-Dichloropropane-d6	6.687	67	116168	5.248	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.000%			
41) Toluene-d8	7.896	98	339230	5.242	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.800%			
43) trans-1,3-Dichloroprop...	8.176	79	39067	4.843	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.629	63	182040	53.249	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.500%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101786	5.303	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	114218	5.020	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	101400	4.825	ug/L	100
3) Chloromethane	1.527	50	139795	5.097	ug/L	99
5) Vinyl chloride	1.604	62	135171	5.129	ug/L	98
6) Bromomethane	1.848	94	70440	5.209	ug/L	99
8) Chloroethane	1.932	64	81576	4.978	ug/L	96
9) Trichlorofluoromethane	2.138	101	142430	4.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82509	4.655	ug/L	99
12) 1,1-Dichloroethene	2.578	96	86674	4.931	ug/L	94
13) Acetone	2.620	43	466377	160.758	ug/L	100
14) Carbon disulfide	2.793	76	289140	4.752	ug/L	99
15) Methyl Acetate	2.948	43	26135	3.473	ug/L	99
16) Methylene chloride	3.044	84	241439	10.153	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	198731	5.050	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	104697	5.556	ug/L	97
19) 1,1-Dichloroethane	3.867	63	175237	5.160	ug/L	99
21) 2-Butanone	4.697	43	239776	51.566	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	575689	29.112	ug/L	97
23) Bromochloromethane	4.973	128	49458	5.227	ug/L	93
25) Chloroform	5.086	83	200968	5.840	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111221	5.277	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	137743	5.153	ug/L	99
30) Cyclohexane	5.388	56	127583	4.915	ug/L	99
31) Carbon tetrachloride	5.523	117	114233	5.029	ug/L	100
33) Benzene	5.771	78	415261	5.296	ug/L	100
34) Trichloroethene	6.539	95	3023763	154.606	ug/L	99
35) Methylcyclohexane	6.761	83	141900	5.044	ug/L	98
37) 1,2-Dichloropropane	6.790	63	104375	5.141	ug/L	99
38) Bromodichloromethane	7.102	83	131253	5.303	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	127232	4.881	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	565206	53.296	ug/L	99
42) Toluene	7.967	91	438610	5.438	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	108666	4.868	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	79819	5.232	ug/L	97
47) Tetrachloroethene	8.552	164	78784	5.256	ug/L	99
48) 2-Hexanone	8.681	43	425824	54.770	ug/L	99
49) Dibromochloromethane	8.806	129	87266	5.107	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72112	5.189	ug/L	100
51) Chlorobenzene	9.446	112	269062	5.232	ug/L	100
52) Ethylbenzene	9.568	91	407962	5.203	ug/L	98
53) m,p-Xylene	9.690	106	164033	5.402	ug/L	96
54) o-Xylene	10.099	106	159836	5.492	ug/L	100
55) Styrene	10.111	104	266736	5.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103293	5.421	ug/L	99
59) Bromoform	10.288	173	50075	5.116	ug/L	99
60) Isopropylbenzene	10.481	105	397522	5.325	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	70367	5.173	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	298986	5.010	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	303681	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	196445	5.154	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	194566	5.118	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	193910	5.283	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14587	4.901	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	127352	4.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	96207	4.674	ug/L	99
71) Naphthalene	14.086	128	180547	4.672	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	97730	4.826	ug/L	99

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

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