Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
Data File : VU058170.D
Acq On : 19 Mar 2024 23:02
Operator : MD/SY
Sample : P1796-06MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCFZ1MSD

Quant Time: Mar 20 05:25:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 20 05:19:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	122952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	119238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36972	4.179	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.911	69	33205	4.567	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.400%			
11) 1,1-Dichloroethene-d2	2.563	65	16636	4.346	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.000%			
20) 2-Butanone-d5	4.628	46	95813	65.735	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.480%#			
24) Chloroform-d	5.055	84	81327	4.861	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.695	65	39244	5.177	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.600%			
32) Benzene-d6	5.721	84	157025	4.519	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.682	67	50388	4.770	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.891	98	140795	4.472	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
43) trans-1,3-Dichloroprop...	8.174	79	15651	4.308	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.200%			
46) 2-Hexanone-d5	8.627	63	79783	65.416	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 130.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34655	5.350	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	46941	4.924	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	33540	4.502	ug/L	99
3) Chloromethane	1.518	50	41255	4.736	ug/L	96
5) Vinyl chloride	1.602	62	46415	4.954	ug/L	100
6) Bromomethane	1.856	94	22170	4.492	ug/L	96
8) Chloroethane	1.930	64	30986	5.252	ug/L	97
9) Trichlorofluoromethane	2.136	101	68790	5.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45026	5.395	ug/L	99
12) 1,1-Dichloroethene	2.576	96	40010	5.393	ug/L	89
13) Acetone	2.641	43	67633	62.351	ug/L	97
14) Carbon disulfide	2.792	76	98135	4.278	ug/L	98
15) Methyl Acetate	2.952	43	14635	6.080	ug/L	97
16) Methylene chloride	3.039	84	45061	4.998	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	99091	5.648	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	40489	5.011	ug/L	96
19) 1,1-Dichloroethane	3.862	63	90646	5.623	ug/L	100
21) 2-Butanone	4.705	43	102984	60.253	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	53086	5.972	ug/L	96
23) Bromochloromethane	4.968	128	19350	5.862	ug/L	96
25) Chloroform	5.081	83	92776	5.638	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	52357	5.747	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	74444	5.246	ug/L	100
30) Cyclohexane	5.380	56	67202	4.689	ug/L	99
31) Carbon tetrachloride	5.518	117	67081	5.439	ug/L	99
33) Benzene	5.766	78	192113	5.251	ug/L	100
34) Trichloroethene	6.534	95	66907	6.950	ug/L	98
35) Methylcyclohexane	6.756	83	69362	4.700	ug/L	99
37) 1,2-Dichloropropane	6.785	63	51889	5.500	ug/L	99
38) Bromodichloromethane	7.097	83	63637	5.559	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	68745	5.288	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	282633	65.118	ug/L	100
42) Toluene	7.962	91	209776	5.505	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	53848	5.198	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	33499	5.988	ug/L	96
47) Tetrachloroethene	8.547	164	34495	5.165	ug/L	97
48) 2-Hexanone	8.679	43	195528	61.429	ug/L	97
49) Dibromochloromethane	8.801	129	39035	5.895	ug/L	98
50) 1,2-Dibromoethane	8.917	107	29655	5.973	ug/L	100
51) Chlorobenzene	9.441	112	129202	5.407	ug/L	99
52) Ethylbenzene	9.563	91	223750	5.247	ug/L	100
53) m,p-Xylene	9.688	106	81373	5.341	ug/L	99
54) o-Xylene	10.094	106	80472	5.300	ug/L	98
55) Styrene	10.107	104	130157	5.461	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	40498	6.145	ug/L	98
59) Bromoform	10.287	173	19505	6.042	ug/L	97
60) Isopropylbenzene	10.476	105	208968	5.421	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	30401	6.412	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	172085	5.293	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	172904	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	97746	5.579	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	93283	5.439	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	88771	5.803	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6274	6.670	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	68910	5.467	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	55562	5.867	ug/L	99
71) Naphthalene	14.081	128	81145	6.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	46202	6.176	ug/L	97

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

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