Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
Data File : VV026065.D
Acq On : 09 Jun 2022 19:21
Operator : SY/MD
Sample : N3247-06MSD
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

Manual Integrations APPROVED
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 02:55:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 10 02:49:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	150249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	145884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	40993	4.648	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.584	69	46280	5.019	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.124	63	93823	4.605	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.200%			
20) 2-Butanone-d5	3.915	46	87336	66.951	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.900%#			
24) Chloroform-d	4.362	84	104412	5.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.800%			
26) 1,2-Dichloroethane-d4	5.043	65	43747	5.738	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.800%			
32) Benzene-d6	5.063	84	180673	5.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
36) 1,2-Dichloropropane-d6	6.075	67	61401	5.630	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.600%			
41) Toluene-d8	7.320	98	157785	5.065	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.200%			
43) trans-1,3-Dichloroprop...	7.628	79	17351	5.404	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.000%			
46) 2-Hexanone-d5	8.091	63	83454	59.062	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.120%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44032	5.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	62512	5.683	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.146	85	61385	4.151	ug/L	99
3) Chloromethane	1.256	50	83120	5.020	ug/L	100
5) Vinyl chloride	1.326	62	107893	6.240	ug/L	100
6) Bromomethane	1.539	94	46077	4.597	ug/L	97
8) Chloroethane	1.600	64	612808	57.625	ug/L	99
9) Trichlorofluoromethane	1.767	101	95640	4.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	46547	3.706	ug/L	97
12) 1,1-Dichloroethene	2.133	96	54722	4.527	ug/L	98
13) Acetone	2.201	43	47664	45.815	ug/L	69
14) Carbon disulfide	2.307	76	153212	4.443	ug/L	100
15) Methyl Acetate	2.458	43	14430m	4.244	ug/L	
16) Methylene chloride	2.523	84	56038	4.654	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	99992	5.096	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	62845	5.514	ug/L	97
19) 1,1-Dichloroethane	3.204	63	1031901	49.776	ug/L	99
21) 2-Butanone	3.998	43	68853	50.808	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	104467	9.299	ug/L	95
23) Bromochloromethane	4.265	128	24072	5.097	ug/L	98
25) Chloroform	4.391	83	102722	4.827	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	53128	5.049	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	464118	24.245	ug/L	99
30) Cyclohexane	4.690	56	65662	3.944	ug/L	98
31) Carbon tetrachloride	4.838	117	69271	4.406	ug/L	98
33) Benzene	5.111	78	220359	4.807	ug/L	100
34) Trichloroethene	5.918	95	212090	17.707	ug/L	99
35) Methylcyclohexane	6.137	83	68002	3.683	ug/L	99
37) 1,2-Dichloropropane	6.182	63	53354	4.802	ug/L	100
38) Bromodichloromethane	6.516	83	65385	4.871	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	61193	4.469	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	230757	50.841	ug/L	98
42) Toluene	7.390	91	220694	4.607	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	50818	4.738	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	34778	4.820	ug/L	99
47) Tetrachloroethene	7.976	164	46228	4.986	ug/L	98
48) 2-Hexanone	8.143	43	172131	53.428	ug/L	100
49) Dibromochloromethane	8.249	129	37825	4.803	ug/L	95
50) 1,2-Dibromoethane	8.355	107	31705	4.939	ug/L	99
51) Chlorobenzene	8.882	112	136825	4.389	ug/L	100
52) Ethylbenzene	9.014	91	211112	4.205	ug/L	98
53) m,p-Xylene	9.140	106	79720	4.108	ug/L	93
54) o-Xylene	9.545	106	77326	4.191	ug/L	97
55) Styrene	9.561	104	138238	4.473	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36410	4.714	ug/L	96
59) Bromoform	9.731	173	17092	5.067	ug/L	100
60) Isopropylbenzene	9.931	105	281617	5.894	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28147	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	152703	4.036	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	150932	4.006	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	96595	4.255	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	95295	4.123	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	116893	5.823	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5003	5.017	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	60511	3.681	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49047	4.003	ug/L	97
71) Naphthalene	13.503	128	123246	7.079	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	45235	4.361	ug/L	97

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

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