Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
Data File : VU060151.D
Acq On : 24 Jul 2024 14:15
Operator : MD/SY
Sample : P3280-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 05:12:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 25 05:11:47 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	120877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32238	3.961	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.200%			
7) Chloroethane-d5	1.910	69	32521	4.302	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.000%			
11) 1,1-Dichloroethene-d2	2.560	65	13007	4.094	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	4.627	46	136323	71.652	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 143.300%#			
24) Chloroform-d	5.058	84	84517	4.942	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.698	65	42676	5.359	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.200%			
32) Benzene-d6	5.721	84	152289	4.702	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
36) 1,2-Dichloropropane-d6	6.685	67	55398	5.368	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.400%			
41) Toluene-d8	7.894	98	131410	4.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	8.177	79	12887	3.668	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.400%			
46) 2-Hexanone-d5	8.627	63	99846	64.051	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.100%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53691	5.846	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	51928	4.844	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	40235	4.549	ug/L	100
3) Chloromethane	1.518	50	55948	5.237	ug/L	98
5) Vinyl chloride	1.602	62	59289	4.951	ug/L	100
6) Bromomethane	1.856	94	33564	4.305	ug/L	96
8) Chloroethane	1.930	64	37832	4.836	ug/L	99
9) Trichlorofluoromethane	2.132	101	71502	4.735	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42324	4.294	ug/L	96
12) 1,1-Dichloroethene	2.573	96	42140	4.720	ug/L	92
13) Acetone	2.640	43	89874	71.411	ug/L	96
14) Carbon disulfide	2.788	76	117941	4.537	ug/L	99
15) Methyl Acetate	2.955	43	11975m	3.869	ug/L	
16) Methylene chloride	3.039	84	54023	4.936	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	105141	5.164	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	44478	4.790	ug/L	95
19) 1,1-Dichloroethane	3.862	63	92791	5.262	ug/L	100
21) 2-Butanone	4.708	43	120940	60.704	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	53898	5.182	ug/L	94
23) Bromochloromethane	4.968	128	23751	4.698	ug/L	86
25) Chloroform	5.081	83	95608	4.931	ug/L	100

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27) 1,2-Dichloroethane	5.788	62	58500	5.278	ug/L		97
29) 1,1,1-Trichloroethane	5.309	97	73088	4.841	ug/L		97
30) Cyclohexane	5.383	56	61841	5.179	ug/L		92
31) Carbon tetrachloride	5.518	117	61413	4.715	ug/L		97
33) Benzene	5.769	78	205843	5.155	ug/L		100
34) Trichloroethene	6.537	95	52934	4.998	ug/L		95
35) Methylcyclohexane	6.759	83	58656	4.225	ug/L		93
37) 1,2-Dichloropropane	6.785	63	57791	5.357	ug/L		99
38) Bromodichloromethane	7.100	83	67979	5.030	ug/L		99
39) cis-1,3-Dichloropropene	7.602	75	52780	3.744	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	300034	62.852	ug/L		97
42) Toluene	7.965	91	259089	6.097	ug/L		97
44) trans-1,3-Dichloropropene	8.206	75	44050	3.741	ug/L		99
45) 1,1,2-Trichloroethane	8.396	97	42800	5.192	ug/L		98
47) Tetrachloroethene	8.550	164	37119	4.239	ug/L		98
48) 2-Hexanone	8.679	43	228617	65.409	ug/L		94
49) Dibromochloromethane	8.804	129	43639	4.786	ug/L		96
50) 1,2-Dibromoethane	8.920	107	38466	5.161	ug/L	#	96
51) Chlorobenzene	9.441	112	131465	4.735	ug/L		98
52) Ethylbenzene	9.566	91	211974	5.002	ug/L		99
53) m,p-Xylene	9.688	106	83379	5.093	ug/L		99
54) o-Xylene	10.097	106	79542	5.080	ug/L		92
55) Styrene	10.110	104	129366	4.854	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.775	83	54729	5.427	ug/L		95
59) Bromoform	10.286	173	27293	5.057	ug/L		97
60) Isopropylbenzene	10.479	105	202142	5.204	ug/L		98
61) 1,2,3-Trichloropropane	10.817	75	36303	5.798	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	148169	4.992	ug/L		100
63) 1,2,4-Trimethylbenzene	11.463	105	149649	5.218	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	99002	4.737	ug/L		95
65) 1,4-Dichlorobenzene	11.833	146	98896	4.648	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	97067	4.852	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.990	75	7436	6.093	ug/L	#	79
69) 1,3,5-Trichlorobenzene	13.215	180	64916	4.115	ug/L		96
70) 1,2,4-trichlorobenzene	13.836	180	51644	4.301	ug/L		99
71) Naphthalene	14.084	128	84564	4.971	ug/L		98
72) 1,2,3-Trichlorobenzene	14.325	180	49070	4.545	ug/L		98

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

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