Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
Data File : VU061077.D
Acq On : 02 Oct 2024 15:34
Operator : MD/SY
Sample : P4227-17MSD 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7D(20240927)MSD

Quant Time: Oct 03 06:31:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59526	4.680	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.600%			
7) Chloroethane-d5	1.911	69	44844	4.710	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.200%			
11) 1,1-Dichloroethene-d2	2.557	65	26183	4.667	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	4.631	46	163039	53.516	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.040%			
24) Chloroform-d	5.052	84	115677	5.161	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	5.692	65	59896	5.041	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	5.718	84	221812	5.035	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	6.679	67	74030	5.117	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.400%			
41) Toluene-d8	7.891	98	202246	4.911	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
43) trans-1,3-Dichloroprop...	8.174	79	30395	4.913	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.634	63	142837	55.783	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.560%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57001	5.372	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	69488	5.267	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	47487	5.477	ug/L	99
3) Chloromethane	1.515	50	67280	5.373	ug/L	97
5) Vinyl chloride	1.602	62	72398	5.759	ug/L	98
6) Bromomethane	1.856	94	35848	5.346	ug/L	99
8) Chloroethane	1.930	64	41136	5.395	ug/L	98
9) Trichlorofluoromethane	2.126	101	85588	5.299	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	58877	5.519	ug/L	95
12) 1,1-Dichloroethene	2.570	96	57981	5.644	ug/L	91
13) Acetone	2.653	43	103943	53.050	ug/L	98
14) Carbon disulfide	2.782	76	191540	5.487	ug/L	100
15) Methyl Acetate	2.956	43	26390	5.532	ug/L	100
16) Methylene chloride	3.036	84	67172	5.696	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	163430	5.560	ug/L #	96
18) trans-1,2-Dichloroethene	3.345	96	68590	6.091	ug/L	93
19) 1,1-Dichloroethane	3.856	63	139650	6.373	ug/L	98
21) 2-Butanone	4.714	43	175616	54.446	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	117038	9.332	ug/L	93
23) Bromochloromethane	4.965	128	28316	5.609	ug/L #	89
25) Chloroform	5.078	83	122184	5.566	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79633	5.508	ug/L		95
29) 1,1,1-Trichloroethane	5.306	97	106460	5.506	ug/L		97
30) Cyclohexane	5.377	56	116871	5.426	ug/L		95
31) Carbon tetrachloride	5.515	117	90670	5.526	ug/L		100
33) Benzene	5.763	78	278357	5.651	ug/L		100
34) Trichloroethene	6.534	95	70624	5.289	ug/L		95
35) Methylcyclohexane	6.753	83	117970	5.471	ug/L		98
37) 1,2-Dichloropropane	6.782	63	71979	5.545	ug/L	#	97
38) Bromodichloromethane	7.097	83	88949	5.481	ug/L		99
39) cis-1,3-Dichloropropene	7.599	75	111151	5.461	ug/L		98
40) 4-Methyl-2-pentanone	7.785	43	464188	55.831	ug/L		95
42) Toluene	7.962	91	290871	5.543	ug/L		100
44) trans-1,3-Dichloropropene	8.203	75	92899	5.520	ug/L		97
45) 1,1,2-Trichloroethane	8.393	97	46097	5.358	ug/L		94
47) Tetrachloroethene	8.544	164	48264	5.554	ug/L		95
48) 2-Hexanone	8.685	43	335997	58.290	ug/L		94
49) Dibromochloromethane	8.801	129	56524	5.647	ug/L		96
50) 1,2-Dibromoethane	8.917	107	45466	5.583	ug/L	#	97
51) Chlorobenzene	9.438	112	235033	7.353	ug/L		94
52) Ethylbenzene	9.563	91	328207	5.519	ug/L		97
53) m,p-Xylene	9.685	106	118044	5.442	ug/L		90
54) o-Xylene	10.094	106	119360	5.593	ug/L		93
55) Styrene	10.107	104	195937	5.689	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.775	83	62537	5.785	ug/L		97
59) Bromoform	10.283	173	30459	5.378	ug/L	#	98
60) Isopropylbenzene	10.476	105	296557	5.374	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	43853	5.410	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	263593	5.420	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	265662	5.412	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	209474	8.856	ug/L		95
65) 1,4-Dichlorobenzene	11.830	146	487655	20.856	ug/L		96
67) 1,2-Dichlorobenzene	12.206	146	127954	5.853	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.991	75	9692	5.483	ug/L	#	80
69) 1,3,5-Trichlorobenzene	13.213	180	94189	5.655	ug/L	#	96
70) 1,2,4-trichlorobenzene	13.833	180	78428	6.145	ug/L		98
71) Naphthalene	14.081	128	128266	6.152	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	63416	5.971	ug/L		97

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

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