Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059869.D
Acq On : 05 Jul 2024 19:35
Operator : MD/SY
Sample : P3137-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZE7MS

Quant Time: Jul 06 03:06:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45452	4.302	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.907	69	40893	4.023	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.400%			
11) 1,1-Dichloroethene-d2	2.557	65	17960	4.097	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.000%			
20) 2-Butanone-d5	4.634	46	100063	45.978	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.960%			
24) Chloroform-d	5.052	84	98742	4.553	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.695	65	46347	4.437	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
32) Benzene-d6	5.721	84	185277	4.256	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
36) 1,2-Dichloropropane-d6	6.682	67	59808	4.483	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.600%			
41) Toluene-d8	7.891	98	177939	4.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	8.174	79	20720	4.960	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.200%			
46) 2-Hexanone-d5	8.627	63	92395	53.230	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.460%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53429	4.847	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	67340	4.458	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	55447	4.307	ug/L	99
3) Chloromethane	1.515	50	67246	4.853	ug/L	98
5) Vinyl chloride	1.599	62	77048	5.033	ug/L	98
6) Bromomethane	1.849	94	41446	3.894	ug/L	94
8) Chloroethane	1.927	64	48058	5.210	ug/L	100
9) Trichlorofluoromethane	2.129	101	92091	4.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	55591	4.766	ug/L	94
12) 1,1-Dichloroethene	2.570	96	57391	5.326	ug/L	83
13) Acetone	2.653	43	68546	48.553	ug/L	100
14) Carbon disulfide	2.785	76	168934	4.699	ug/L	99
15) Methyl Acetate	2.952	43	15635	4.197	ug/L #	80
16) Methylene chloride	3.036	84	64524	5.053	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	118774	5.115	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	56687	5.058	ug/L	91
19) 1,1-Dichloroethane	3.856	63	109701	5.308	ug/L	99
21) 2-Butanone	4.711	43	109096	48.179	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	63978	5.179	ug/L	95
23) Bromochloromethane	4.965	128	30216	5.365	ug/L	89
25) Chloroform	5.078	83	114710	5.270	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65543	4.969	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	89787	4.915	ug/L		98
30) Cyclohexane	5.380	56	72856	4.517	ug/L		93
31) Carbon tetrachloride	5.515	117	76440	4.998	ug/L		99
33) Benzene	5.766	78	247046	5.143	ug/L		100
34) Trichloroethene	6.534	95	63490	4.880	ug/L		97
35) Methylcyclohexane	6.756	83	78876	4.261	ug/L		96
37) 1,2-Dichloropropane	6.782	63	64595	5.196	ug/L	#	97
38) Bromodichloromethane	7.097	83	79109	5.098	ug/L	#	94
39) cis-1,3-Dichloropropene	7.602	75	81660	4.803	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	295252	51.254	ug/L		95
42) Toluene	7.962	91	269309	5.295	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	68522	5.021	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	48780	5.325	ug/L		98
47) Tetrachloroethene	8.547	164	51747	5.126	ug/L		98
48) 2-Hexanone	8.679	43	219150	53.305	ug/L	#	94
49) Dibromochloromethane	8.801	129	54407	5.361	ug/L		100
50) 1,2-Dibromoethane	8.917	107	45660	5.397	ug/L		97
51) Chlorobenzene	9.441	112	165573	5.133	ug/L		95
52) Ethylbenzene	9.563	91	257398	4.934	ug/L		96
53) m,p-Xylene	9.688	106	101426	5.062	ug/L		96
54) o-Xylene	10.094	106	96283	5.063	ug/L		97
55) Styrene	10.110	104	172640	5.333	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.775	83	60981	5.487	ug/L		98
59) Bromoform	10.283	173	32464	4.999	ug/L	#	98
60) Isopropylbenzene	10.476	105	253905	4.843	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	38786	4.946	ug/L		97
62) 1,3,5-Trimethylbenzene	11.084	105	188240	4.533	ug/L		97
63) 1,2,4-Trimethylbenzene	11.463	105	187304	4.717	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	133731	5.016	ug/L		98
65) 1,4-Dichlorobenzene	11.830	146	134693	4.908	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	124915	4.978	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8166	5.339	ug/L	#	83
69) 1,3,5-Trichlorobenzene	13.212	180	95856	4.857	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	74593	4.927	ug/L		98
71) Naphthalene	14.084	128	106008	4.892	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	71603	5.093	ug/L		98

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

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