Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
Data File : VU061008.D
Acq On : 25 Sep 2024 16:45
Operator : MD/SY
Sample : P4186-06MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY072MS

Quant Time: Sep 26 05:40:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 26 05:34:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	139677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47460	3.916	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.911	69	41186	4.773	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.400%			
11) 1,1-Dichloroethene-d2	2.560	65	17592	4.096	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.000%			
20) 2-Butanone-d5	4.634	46	110018	56.551	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.100%			
24) Chloroform-d	5.055	84	93472	5.045	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.695	65	44330	5.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	5.721	84	167031	4.462	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.682	67	57469	4.961	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.200%			
41) Toluene-d8	7.891	98	153113	4.486	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	8.174	79	20697	4.964	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.200%			
46) 2-Hexanone-d5	8.627	63	92238	56.081	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.160%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47649	5.251	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	52922	4.631	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	50311	4.947	ug/L	97
3) Chloromethane	1.515	50	60056	5.590	ug/L	98
5) Vinyl chloride	1.599	62	62864	5.406	ug/L	97
6) Bromomethane	1.853	94	32477	4.370	ug/L	97
8) Chloroethane	1.930	64	39797	5.602	ug/L	98
9) Trichlorofluoromethane	2.132	101	87997	5.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49057	5.286	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45416	5.359	ug/L	93
13) Acetone	2.660	43	74393	57.317	ug/L	95
14) Carbon disulfide	2.785	76	113961	4.847	ug/L	100
15) Methyl Acetate	2.956	43	17794	5.623	ug/L	98
16) Methylene chloride	3.039	84	51533	5.250	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	110610	5.775	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	43699	4.976	ug/L	99
19) 1,1-Dichloroethane	3.859	63	102406	5.808	ug/L	99
21) 2-Butanone	4.714	43	117363	55.548	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	52680	5.420	ug/L	99
23) Bromochloromethane	4.965	128	23610	5.143	ug/L	94
25) Chloroform	5.078	83	116054	6.312	ug/L	97

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27) 1,2-Dichloroethane	5.785	62	59216	5.558	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	114586	7.599	ug/L		97
30) Cyclohexane	5.380	56	60545	4.885	ug/L		96
31) Carbon tetrachloride	5.515	117	71449	5.352	ug/L		100
33) Benzene	5.766	78	205168	5.342	ug/L		100
34) Trichloroethene	6.534	95	53697	5.333	ug/L		97
35) Methylcyclohexane	6.756	83	64318	4.656	ug/L		96
37) 1,2-Dichloropropane	6.782	63	60779	5.743	ug/L	#	98
38) Bromodichloromethane	7.097	83	72506	5.585	ug/L		98
39) cis-1,3-Dichloropropene	7.602	75	76068	5.404	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	300795	60.866	ug/L		96
42) Toluene	7.962	91	215398	5.364	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	65428	5.653	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	41955	5.491	ug/L		98
47) Tetrachloroethene	8.547	164	42691	5.336	ug/L		97
48) 2-Hexanone	8.679	43	224568	62.342	ug/L		99
49) Dibromochloromethane	8.801	129	45971	5.285	ug/L		99
50) 1,2-Dibromoethane	8.917	107	36813	5.399	ug/L	#	98
51) Chlorobenzene	9.441	112	137803	5.110	ug/L		98
52) Ethylbenzene	9.563	91	218005	5.157	ug/L		98
53) m,p-Xylene	9.688	106	83367	5.201	ug/L		96
54) o-Xylene	10.094	106	79082	4.999	ug/L		91
55) Styrene	10.110	104	139112	5.218	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	53800	5.646	ug/L	#	97
59) Bromoform	10.283	173	26944	5.257	ug/L		99
60) Isopropylbenzene	10.476	105	214775	5.329	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	36607	5.771	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	161456	5.154	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	162541	5.252	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	106146	5.238	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	102727	4.904	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	97631	5.095	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7583	6.122	ug/L	#	76
69) 1,3,5-Trichlorobenzene	13.212	180	71032	4.686	ug/L		97
70) 1,2,4-trichlorobenzene	13.833	180	52274	4.895	ug/L		96
71) Naphthalene	14.081	128	68818	4.886	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	47673	5.168	ug/L		96

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

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