Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037462.D
Acq On : 21 Sep 2024 04:08
Operator : SY/MD
Sample : P4130-04MS
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 04:56:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H0HH9MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	364906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	372207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	194685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83915	3.920	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.400%			
7) Chloroethane-d5	1.529	69	77626	3.478	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.600%			
11) 1,1-Dichloroethene-d2	2.053	65	39356	3.560	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.200%			
20) 2-Butanone-d5	3.796	46	263146	41.130	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.260%			
24) Chloroform-d	4.243	84	201542	3.878	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.600%			
26) 1,2-Dichloroethane-d4	4.937	65	94088	3.866	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.400%			
32) Benzene-d6	4.954	84	381043	3.818	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
36) 1,2-Dichloropropane-d6	5.982	67	144435	4.654	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.236	98	355998	3.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	7.551	79	39943	3.913	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.200%			
46) 2-Hexanone-d5	8.021	63	240328	48.185	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.360%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	103142	4.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	11.555	152	138451	4.000	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	141430	4.172	ug/L	100
3) Chloromethane	1.214	50	139193	3.849	ug/L	99
5) Vinyl chloride	1.282	62	148565	4.179	ug/L	98
6) Bromomethane	1.484	94	68249	3.200	ug/L	96
8) Chloroethane	1.545	64	96287	4.505	ug/L	97
9) Trichlorofluoromethane	1.709	101	200961	4.545	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118826	4.437	ug/L	100
12) 1,1-Dichloroethene	2.066	96	113006	4.419	ug/L	91
13) Acetone	2.127	43	231219	51.904	ug/L	96
14) Carbon disulfide	2.237	76	338254	4.195	ug/L	100
15) Methyl Acetate	2.391	43	30931m	3.032	ug/L	
16) Methylene chloride	2.442	84	143582	4.884	ug/L #	53
17) Methyl tert-butyl Ether	2.700	73	382645	6.295	ug/L #	81
18) trans-1,2-Dichloroethene	2.690	96	123213	4.579	ug/L	98
19) 1,1-Dichloroethane	3.105	63	232078	4.517	ug/L	98
21) 2-Butanone	3.876	43	277979	41.057	ug/L	90
22) cis-1,2-Dichloroethene	3.806	96	138567	4.764	ug/L	98
23) Bromochloromethane	4.146	128	59124	4.694	ug/L	93
25) Chloroform	4.269	83	248850	4.808	ug/L	90

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27) 1,2-Dichloroethane	5.034	62	214054	7.309	ug/L		95
29) 1,1,1-Trichloroethane	4.503	97	199122	4.512	ug/L		98
30) Cyclohexane	4.574	56	189424	4.424	ug/L		99
31) Carbon tetrachloride	4.725	117	170549	4.540	ug/L		100
33) Benzene	5.005	78	508952	4.538	ug/L		100
34) Trichloroethene	5.828	95	134940	4.465	ug/L		97
35) Methylcyclohexane	6.040	83	298916	6.506	ug/L	#	91
37) 1,2-Dichloropropane	6.089	63	126177	4.422	ug/L	#	26
38) Bromodichloromethane	6.429	83	212875	5.959	ug/L		97
39) cis-1,3-Dichloropropene	6.950	75	170820	4.133	ug/L		97
40) 4-Methyl-2-pentanone	7.153	43	867764	53.122	ug/L		97
42) Toluene	7.310	91	547748	4.695	ug/L		100
44) trans-1,3-Dichloropropene	7.580	75	131141	3.932	ug/L		92
45) 1,1,2-Trichloroethane	7.764	97	96653	4.733	ug/L		97
47) Tetrachloroethene	7.899	164	100784	4.660	ug/L		98
48) 2-Hexanone	8.069	43	561403	47.021	ug/L		99
49) Dibromochloromethane	8.169	129	95249	4.452	ug/L		99
50) 1,2-Dibromoethane	8.278	107	95343	4.941	ug/L		95
51) Chlorobenzene	8.809	112	361597	4.655	ug/L		99
52) Ethylbenzene	8.941	91	614572	4.720	ug/L		100
53) m,p-Xylene	9.069	106	235662	4.920	ug/L		100
54) o-Xylene	9.471	106	229753	4.844	ug/L		98
55) Styrene	9.490	104	394170	4.902	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.172	83	120530	4.886	ug/L		99
59) Bromoform	9.661	173	42589	3.739	ug/L		99
60) Isopropylbenzene	9.860	105	621758	4.771	ug/L		99
61) 1,2,3-Trichloropropane	10.204	75	82323	4.647	ug/L		98
62) 1,3,5-Trimethylbenzene	10.471	105	499154	4.831	ug/L		98
63) 1,2,4-Trimethylbenzene	10.847	105	500767	4.824	ug/L		99
64) 1,3-Dichlorobenzene	11.111	146	281885	4.576	ug/L		98
65) 1,4-Dichlorobenzene	11.204	146	286635	4.537	ug/L		98
67) 1,2-Dichlorobenzene	11.574	146	272609	4.773	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.358	75	17217	4.686	ug/L		94
69) 1,3,5-Trichlorobenzene	12.577	180	206741	4.706	ug/L		99
70) 1,2,4-trichlorobenzene	13.191	180	179664	4.968	ug/L		98
71) Naphthalene	13.435	128	301896	5.463	ug/L	#	96
72) 1,2,3-Trichlorobenzene	13.673	180	155687	5.203	ug/L	#	92

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

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