Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
Data File : VU059415.D
Acq On : 21 Jun 2024 17:35
Operator : MD/SY
Sample : P2898-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E1GB1MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2024
Supervised By :Semsettin Yesilyurt 06/25/2024

Quant Time: Jun 22 01:37:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 22 01:35:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.245	114	168495	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166320	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89378	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.592	65	44449	3.794 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.800%		
7) Chloroethane-d5	1.904	69	46278	4.105 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.200%		
11) 1,1-Dichloroethene-d2	2.557	65	17925	3.688 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.800%		
20) 2-Butanone-d5	4.618	46	139253	57.700 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.400%		
24) Chloroform-d	5.058	84	106341	4.422 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%		
26) 1,2-Dichloroethane-d4	5.698	65	53059	4.580 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%		
32) Benzene-d6	5.721	84	202966	4.434 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%		
36) 1,2-Dichloropropane-d6	6.685	67	64957	4.631 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.600%		
41) Toluene-d8	7.894	98	179041	4.207 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%		
43) trans-1,3-Dichloroprop...	8.177	79	22226	5.060 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.200%		
46) 2-Hexanone-d5	8.627	63	111081	60.869 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.740%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60469	5.218 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	71561	4.498 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	69531	4.870 ug/L	97
3) Chloromethane	1.518	50	78020	5.077 ug/L	100
5) Vinyl chloride	1.599	62	100301	5.909 ug/L	98
6) Bromomethane	1.849	94	55257	4.682 ug/L	95
8) Chloroethane	1.927	64	52780	5.160 ug/L	99
9) Trichlorofluoromethane	2.132	101	100613	4.924 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63202	4.886 ug/L	94
12) 1,1-Dichloroethene	2.573	96	59574	4.985 ug/L	83
13) Acetone	2.624	43	94670	60.471 ug/L	96
14) Carbon disulfide	2.785	76	195935	4.914 ug/L	98
15) Methyl Acetate	2.946	43	26477m	6.409 ug/L	
16) Methylene chloride	3.039	84	68963	4.870 ug/L	92
17) Methyl tert-butyl Ether	3.357	73	147082	5.712 ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	65208	5.247 ug/L	91
19) 1,1-Dichloroethane	3.862	63	116635	5.089 ug/L	96
21) 2-Butanone	4.698	43	150865	60.081 ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	253404	18.498 ug/L	95
23) Bromochloromethane	4.968	128	33641	5.387 ug/L	91
25) Chloroform	5.081	83	125152	5.185 ug/L	97

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 22 01:35:04 2024
Response via : Initial Calibration

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Supervised By :Semsettin Yesilyurt 06/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	76932	5.259	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	96289	5.013	ug/L	98
30) Cyclohexane	5.383	56	91140	5.375	ug/L	93
31) Carbon tetrachloride	5.518	117	82223	5.113	ug/L	100
33) Benzene	5.769	78	271281	5.371	ug/L	100
34) Trichloroethene	6.537	95	100595	7.354	ug/L	98
35) Methylcyclohexane	6.759	83	102501	5.267	ug/L	95
37) 1,2-Dichloropropane	6.785	63	70733	5.412	ug/L	98
38) Bromodichloromethane	7.100	83	86939	5.329	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	97548	5.457	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	373632	61.691	ug/L	95
42) Toluene	7.965	91	307473	5.750	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	80027	5.578	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	54232	5.631	ug/L	96
47) Tetrachloroethene	8.550	164	57314	5.400	ug/L	95
48) 2-Hexanone	8.679	43	272055	62.940	ug/L	95
49) Dibromochloromethane	8.804	129	58038	5.440	ug/L	98
50) 1,2-Dibromoethane	8.920	107	50902	5.723	ug/L	99
51) Chlorobenzene	9.444	112	182376	5.378	ug/L	96
52) Ethylbenzene	9.566	91	301820	5.502	ug/L	97
53) m,p-Xylene	9.692	106	116502	5.530	ug/L	100
54) o-Xylene	10.097	106	111253	5.564	ug/L	99
55) Styrene	10.110	104	190864	5.608	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	65417	5.599	ug/L	100
59) Bromoform	10.286	173	36018	5.266	ug/L	99
60) Isopropylbenzene	10.479	105	290930	5.269	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	44829	5.428	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	230454	5.269	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	229613	5.491	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	146569	5.219	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	145161	5.022	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	135968	5.145	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10042	6.233	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	105227	5.062	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	86375	5.417	ug/L	99
71) Naphthalene	14.084	128	132680	5.813	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	79954	5.400	ug/L	97

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

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