Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028096.D
Acq On : 23 Sep 2022 12:12
Operator : SY/MD
Sample : N4652-11MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ32MSD

Quant Time: Sep 24 01:26:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 24 01:23:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	199710	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	104906	5.067	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.400%			
7) Chloroethane-d5	1.561	69	76235	4.631	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.600%			
11) 1,1-Dichloroethene-d2	2.101	63	168570	4.694	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.800%			
20) 2-Butanone-d5	3.892	46	184556	52.799	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.600%			
24) Chloroform-d	4.342	84	150669	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.027	65	72926	4.639	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
32) Benzene-d6	5.043	84	285558	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.063	67	87251	4.316	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.400%			
41) Toluene-d8	7.310	98	261925	4.462	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	7.619	79	33932	4.646	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.088	63	155297	50.949	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.900%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	66192	4.790	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	102688	4.686	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	69656	4.670	ug/L	92
3) Chloromethane	1.236	50	71948	3.642	ug/L	96
5) Vinyl chloride	1.304	62	2139348	138.142	ug/L	100
6) Bromomethane	1.516	94	47660	4.726	ug/L	98
8) Chloroethane	1.577	64	822535	79.204	ug/L	99
9) Trichlorofluoromethane	1.748	101	121375	4.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	68416	4.828	ug/L	99
12) 1,1-Dichloroethene	2.111	96	101008	7.318	ug/L #	77
13) Acetone	2.201	43	108013	40.118	ug/L	96
14) Carbon disulfide	2.285	76	122695	4.633	ug/L	99
15) Methyl Acetate	2.436	43	22626	4.329	ug/L #	90
16) Methylene chloride	2.500	84	70535	4.578	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	146809	4.945	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	111289	9.211	ug/L	94
19) 1,1-Dichloroethane	3.182	63	6999853	265.589	ug/L	99
21) 2-Butanone	3.989	43	145514	43.655	ug/L #	68
22) cis-1,2-Dichloroethene	3.899	96	3108967	196.111	ug/L	99
23) Bromochloromethane	4.239	128	30569	4.816	ug/L	90
25) Chloroform	4.368	83	135027	4.774	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	95343	6.322	ug/L		96
29) 1,1,1-Trichloroethane	4.600	97	706199	29.060	ug/L		99
30) Cyclohexane	4.667	56	85137	4.844	ug/L		96
31) Carbon tetrachloride	4.818	117	98559	4.928	ug/L		98
33) Benzene	5.092	78	285601	5.200	ug/L		100
34) Trichloroethene	5.908	95	95938	7.017	ug/L		93
35) Methylcyclohexane	6.124	83	94993	5.067	ug/L		98
37) 1,2-Dichloropropane	6.169	63	67166	4.362	ug/L	#	97
38) Bromodichloromethane	6.506	83	91713	4.825	ug/L		98
39) cis-1,3-Dichloropropene	7.024	75	93082	4.867	ug/L		96
40) 4-Methyl-2-pentanone	7.223	43	371461	49.681	ug/L		98
42) Toluene	7.384	91	307700	5.371	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	79048	4.806	ug/L		97
45) 1,1,2-Trichloroethane	7.834	97	50993	4.941	ug/L		99
47) Tetrachloroethene	7.972	164	64365	5.898	ug/L		93
48) 2-Hexanone	8.136	43	272833	48.067	ug/L		97
49) Dibromochloromethane	8.243	129	59805	4.819	ug/L		98
50) 1,2-Dibromoethane	8.349	107	43569	4.858	ug/L		94
51) Chlorobenzene	8.879	112	190072	4.946	ug/L		99
52) Ethylbenzene	9.008	91	298874	4.931	ug/L		97
53) m,p-Xylene	9.136	106	118593	5.106	ug/L		92
54) o-Xylene	9.541	106	116226	5.067	ug/L		100
55) Styrene	9.558	104	201183	5.062	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	58677	4.879	ug/L		99
59) Bromoform	9.728	173	34326	4.839	ug/L		99
60) Isopropylbenzene	9.927	105	375970	5.733	ug/L		100
61) 1,2,3-Trichloropropane	10.271	75	43456	4.638	ug/L		97
62) 1,3,5-Trimethylbenzene	10.535	105	85007	4.602	ug/L		99
63) 1,2,4-Trimethylbenzene	10.911	105	261957	5.074	ug/L		97
64) 1,3-Dichlorobenzene	11.178	146	162005	4.965	ug/L		99
65) 1,4-Dichlorobenzene	11.268	146	163102	4.996	ug/L		99
67) 1,2-Dichlorobenzene	11.638	146	172652	5.601	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9397	4.575	ug/L		90
69) 1,3,5-Trichlorobenzene	12.641	180	128970	4.994	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	107075	5.184	ug/L		99
71) Naphthalene	13.496	128	170050	5.027	ug/L		98
72) 1,2,3-Trichlorobenzene	13.741	180	96324	5.156	ug/L		99

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

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