Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
Data File : VV026861.D
Acq On : 20 Jul 2022 20:25
Operator : SY/MD
Sample : N3802-09MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBHX2MSD

Quant Time: Jul 21 01:53:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 21 01:47:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	239333	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66281	3.036	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 60.800%			
7) Chloroethane-d5	1.561	69	67016	3.552	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.000%			
11) 1,1-Dichloroethene-d2	2.105	63	144945	3.458	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.200%			
20) 2-Butanone-d5	3.883	46	218930	64.245	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.500%			
24) Chloroform-d	4.346	84	176041	4.611	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
26) 1,2-Dichloroethane-d4	5.031	65	78004	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.047	84	292874	4.077	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.069	67	102429	4.755	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.313	98	250167	3.923	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	7.622	79	30759	4.365	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.088	63	180511	59.163	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.320%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	90255	5.379	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	101592	4.484	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	146770	4.824	ug/L	100
3) Chloromethane	1.240	50	125612	4.302	ug/L	99
5) Vinyl chloride	1.307	62	138062	4.644	ug/L	100
6) Bromomethane	1.516	94	76568	4.303	ug/L	97
8) Chloroethane	1.581	64	82696	4.721	ug/L	97
9) Trichlorofluoromethane	1.748	101	184267	4.877	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	173396	8.012	ug/L	99
12) 1,1-Dichloroethene	2.114	96	106016	5.052	ug/L	85
13) Acetone	2.172	43	135580	47.287	ug/L #	28
14) Carbon disulfide	2.288	76	284597	4.603	ug/L	100
15) Methyl Acetate	2.433	43	29641	5.112	ug/L	93
16) Methylene chloride	2.503	84	110047	4.403	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	186181	5.150	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	105438	5.467	ug/L	95
19) 1,1-Dichloroethane	3.185	63	211583	6.007	ug/L	99
21) 2-Butanone	3.966	43	198934	59.494	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	521250	26.795	ug/L	99
23) Bromochloromethane	4.246	128	49039	5.472	ug/L	97
25) Chloroform	4.371	83	203208	5.509	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105747	5.320	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	172776	5.423	ug/L	99
30) Cyclohexane	4.674	56	132552	4.883	ug/L	97
31) Carbon tetrachloride	4.825	117	150829	5.361	ug/L	98
33) Benzene	5.098	78	422690	5.348	ug/L	100
34) Trichloroethene	5.908	95	783135	40.314	ug/L	98
35) Methylcyclohexane	6.130	83	153338	5.172	ug/L	98
37) 1,2-Dichloropropane	6.172	63	109109	5.773	ug/L	99
38) Bromodichloromethane	6.510	83	133017	5.399	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	121377	5.168	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	470959	53.946	ug/L	98
42) Toluene	7.387	91	446355	5.592	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	102991	5.340	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	75207	5.443	ug/L	94
47) Tetrachloroethene	7.973	164	449524	29.505	ug/L	99
48) 2-Hexanone	8.140	43	346221	54.795	ug/L	97
49) Dibromochloromethane	8.246	129	85481	5.369	ug/L	99
50) 1,2-Dibromoethane	8.352	107	66797	5.464	ug/L	99
51) Chlorobenzene	8.879	112	280774	5.563	ug/L	97
52) Ethylbenzene	9.011	91	415471	5.259	ug/L	99
53) m,p-Xylene	9.136	106	166006	5.404	ug/L	99
54) o-Xylene	9.542	106	155582	5.329	ug/L	95
55) Styrene	9.561	104	153796	3.006	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	88693	5.423	ug/L	97
59) Bromoform	9.731	173	40903	4.903	ug/L	97
60) Isopropylbenzene	9.931	105	409396	5.048	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	60685	5.061	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	312265	4.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	320691	4.895	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	214491	5.398	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	218068	5.397	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	199089	5.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12090	4.756	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	143500	5.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	107945	5.054	ug/L	99
71) Naphthalene	13.503	128	160222	4.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98772	4.970	ug/L	98

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

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