Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026802.D
Acq On : 15 Jul 2022 19:52
Operator : SY/MD
Sample : N3739-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B39MSD

Quant Time: Jul 16 00:58:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 16 00:49:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	280284	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	271041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	144077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60389	2.362	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 47.200%			
7) Chloroethane-d5	1.561	69	61851	2.799	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 56.000%#			
11) 1,1-Dichloroethene-d2	2.104	63	136533	2.781	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.600%#			
20) 2-Butanone-d5	3.905	46	208927	52.352	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.700%			
24) Chloroform-d	4.346	84	165376	3.699	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.000%			
26) 1,2-Dichloroethane-d4	5.030	65	74591	3.819	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
32) Benzene-d6	5.047	84	266468	3.235	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.800%#			
36) 1,2-Dichloropropane-d6	6.066	67	92982	3.765	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.400%			
41) Toluene-d8	7.313	98	223057	3.051	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.000%#			
43) trans-1,3-Dichloroprop...	7.622	79	28628	3.543	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.800%			
46) 2-Hexanone-d5	8.088	63	172690	49.369	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.740%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	84433	4.389	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	87569	3.488	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 69.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	156527	4.393	ug/L	99
3) Chloromethane	1.236	50	140999	4.124	ug/L	99
5) Vinyl chloride	1.304	62	148134	4.255	ug/L	100
6) Bromomethane	1.516	94	72021	3.456	ug/L	98
8) Chloroethane	1.580	64	90855	4.429	ug/L	98
9) Trichlorofluoromethane	1.748	101	199080	4.499	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111352	4.393	ug/L	99
12) 1,1-Dichloroethene	2.111	96	104863	4.267	ug/L	91
13) Acetone	2.195	43	173500	51.672	ug/L #	41
14) Carbon disulfide	2.285	76	316702	4.374	ug/L	99
15) Methyl Acetate	2.439	43	34486	5.078	ug/L	99
16) Methylene chloride	2.500	84	114091	3.897	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	203597	4.809	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	106543	4.717	ug/L	96
19) 1,1-Dichloroethane	3.185	63	201434	4.884	ug/L	99
21) 2-Butanone	3.985	43	211468	54.003	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	109666	4.814	ug/L	99
23) Bromochloromethane	4.243	128	50851	4.845	ug/L	96
25) Chloroform	4.371	83	223026	5.162	ug/L	100

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Quant Time: Jul 16 00:58:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	107296	4.610	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	177009	4.846	ug/L	99
30) Cyclohexane	4.670	56	146614	4.711	ug/L	98
31) Carbon tetrachloride	4.821	117	151703	4.703	ug/L	97
33) Benzene	5.095	78	445555	4.917	ug/L	100
34) Trichloroethene	5.911	95	105790	4.750	ug/L	97
35) Methylcyclohexane	6.127	83	160929	4.734	ug/L	99
37) 1,2-Dichloropropane	6.172	63	110524	5.101	ug/L	99
38) Bromodichloromethane	6.506	83	139390	4.934	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	126666	4.704	ug/L	96
40) 4-Methyl-2-pentanone	7.226	43	529892	52.942	ug/L	100
42) Toluene	7.384	91	462464	5.053	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	109760	4.964	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	77474	4.891	ug/L	96
47) Tetrachloroethene	7.972	164	85603	4.901	ug/L	98
48) 2-Hexanone	8.140	43	387762	53.529	ug/L	99
49) Dibromochloromethane	8.246	129	87267	4.781	ug/L	98
50) 1,2-Dibromoethane	8.352	107	69816	4.981	ug/L	93
51) Chlorobenzene	8.879	112	285331	4.931	ug/L	99
52) Ethylbenzene	9.011	91	434934	4.802	ug/L	100
53) m,p-Xylene	9.136	106	171801	4.878	ug/L	100
54) o-Xylene	9.541	106	164591	4.918	ug/L	98
55) Styrene	9.558	104	294949	5.029	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	91513	4.881	ug/L	98
59) Bromoform	9.728	173	43501	4.706	ug/L	96
60) Isopropylbenzene	9.931	105	428865	4.772	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	62879	4.732	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	325065	4.547	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	331788	4.570	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	216598	4.920	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	214862	4.799	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	196030	4.768	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12897	4.579	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	143119	4.599	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	106781	4.512	ug/L	98
71) Naphthalene	13.500	128	175818	4.484	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	102079	4.635	ug/L	99

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

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