Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022987.D
Acq On : 22 Oct 2021 15:16
Operator : SY/MD
Sample : M4265-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB7J2

Quant Time: Oct 23 01:29:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 01:14:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56996	4.925	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.400%			
7) Chloroethane-d5	1.561	69	36370	5.080	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.101	63	93132	5.578	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.600%			
20) 2-Butanone-d5	3.944	46	97949	52.758	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.520%			
24) Chloroform-d	4.346	84	96939	5.152	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.034	65	47053	5.305	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
32) Benzene-d6	5.040	84	203614	5.423	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.400%			
36) 1,2-Dichloropropane-d6	6.072	67	63127	5.462	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.200%			
41) Toluene-d8	7.313	98	161448	4.787	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	7.625	79	20367	5.030	ug/L	-0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.600%			
46) 2-Hexanone-d5	8.104	63	71620	47.770	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.540%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	41436	5.192	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	58291	5.147	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	24815	2.953	ug/L	100
3) Chloromethane	1.240	50	74147	8.164	ug/L	96
5) Vinyl chloride	1.307	62	53978	5.754	ug/L	98
6) Bromomethane	1.516	94	24624	5.196	ug/L	95
8) Chloroethane	1.577	64	25003	5.097	ug/L	100
9) Trichlorofluoromethane	1.748	101	134783	10.647	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	35605	4.933	ug/L	99
12) 1,1-Dichloroethene	2.111	96	44508	6.564	ug/L	99
16) Methylene chloride	2.500	84	35648	4.786	ug/L	92
17) Methyl tert-butyl Ether	2.777	73	88356	5.458	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	52745	7.286	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	53728	6.546	ug/L #	95
23) Bromochloromethane	4.246	128	8005	2.148	ug/L	88
25) Chloroform	4.371	83	78042	4.440	ug/L	100
27) 1,2-Dichloroethane	5.133	62	47981	5.177	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	75451	5.192	ug/L	97
31) Carbon tetrachloride	4.812	117	69534	5.561	ug/L	99
34) Trichloroethene	5.908	95	79614	9.158	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46155	5.291	ug/L	98

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38) Bromodichloromethane	6.513	83	23099	2.147	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	20261	1.865	ug/L	100
42) Toluene	7.387	91	111689	3.185	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	50602	8.293	ug/L	98
47) Tetrachloroethene	7.973	164	41369	5.632	ug/L	99
49) Dibromochloromethane	8.249	129	46659	6.426	ug/L	95
52) Ethylbenzene	9.011	91	403924	11.604	ug/L	98
54) o-xylene	9.545	106	39319	2.992	ug/L	96
55) Styrene	9.561	104	63311	2.790	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	31266	4.584	ug/L	99
60) Isopropylbenzene	9.931	105	274134	8.540	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	122523	4.761	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	37272	2.207	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	34602	2.201	ug/L	98

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

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