Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
Data File : VV027854.D
Acq On : 15 Sep 2022 14:37
Operator : SY/MD
Sample : N4652-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYZ9

Quant Time: Sep 16 01:32:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 01:29:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	128800	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	130137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42711	5.031	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.600%			
7) Chloroethane-d5	1.568	69	36795	5.109	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.200%			
11) 1,1-Dichloroethene-d2	2.108	63	90969	5.049	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.000%			
20) 2-Butanone-d5	3.879	46	46327	24.622	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 49.240%			
24) Chloroform-d	4.342	84	87896	5.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.031	65	42368	4.577	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.043	84	162608	4.307	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.200%			
36) 1,2-Dichloropropane-d6	6.063	67	47196	4.270	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.313	98	135259	4.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	7.622	79	15344	4.138	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.800%			
46) 2-Hexanone-d5	8.088	63	60433	43.842	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.680%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32374	4.561	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	63829	4.930	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	1601	0.127	ug/L	90
5) Vinyl chloride	1.310	62	1076465	92.831	ug/L	99
8) Chloroethane	1.584	64	4198071	630.458	ug/L	96
9) Trichlorofluoromethane	1.751	101	5166	0.275	ug/L	100
12) 1,1-Dichloroethene	2.117	96	60315	7.066	ug/L	82
16) Methylene chloride	2.503	84	4908	0.446	ug/L	85
17) Methyl tert-butyl Ether	2.767	73	4629	0.228	ug/L #	90
18) trans-1,2-Dichloroethene	2.757	96	68835	7.636	ug/L	89
19) 1,1-Dichloroethane	3.185	63	7007941	414.257	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	3447594	350.909	ug/L #	88
27) 1,2-Dichloroethane	5.130	62	17941	1.577	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	4643890	232.021	ug/L	96
33) Benzene	5.098	78	27364	0.637	ug/L	100
34) Trichloroethene	5.911	95	57314	5.328	ug/L	96
35) Methylcyclohexane	6.127	83	13984	0.846	ug/L	94
42) Toluene	7.381	91	1816359	43.627	ug/L	100
47) Tetrachloroethene	7.973	164	137906	15.974	ug/L	97
52) Ethylbenzene	9.008	91	410309	9.503	ug/L	99
53) m,p-Xylene	9.133	106	349298	20.567	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54)	o-Xylene	9.542	106	229996	14.207	ug/L	99
60)	Isopropylbenzene	9.931	105	60501	1.227	ug/L	99
62)	1,3,5-Trimethylbenzene	10.535	105	200418	14.432	ug/L	99
63)	1,2,4-Trimethylbenzene	10.911	105	1005803	25.480	ug/L	98
67)	1,2-Dichlorobenzene	11.641	146	37848	1.669	ug/L	99

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

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