Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033680.D
Acq On : 16 Jan 2024 18:56
Operator : SY/MD
Sample : P1131-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AY0

Quant Time: Jan 17 00:15:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 00:08:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	102217	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	92997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	21316	3.813	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.200%			
7) Chloroethane-d5	1.526	69	22212	4.481	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.050	65	11233	4.459	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.200%			
20) 2-Butanone-d5	3.876	46	65021	47.578	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.160%			
24) Chloroform-d	4.243	84	55916	4.626	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	4.937	65	29771	5.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.800%			
32) Benzene-d6	4.947	84	100136	4.463	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	5.989	67	36952	4.939	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.239	98	95392	4.762	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	7.558	79	12205	4.719	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.400%			
46) 2-Hexanone-d5	8.043	63	58273	57.387	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.780%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23312	5.333	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	36695	4.996	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	64532	6.069	ug/L	99
18) trans-1,2-Dichloroethene	2.680	96	2110	0.259	ug/L	79
19) 1,1-Dichloroethane	3.101	63	11498	0.711	ug/L	92
22) cis-1,2-Dichloroethene	3.802	96	120481	14.137	ug/L	97
30) Cyclohexane	4.561	56	5530	0.350	ug/L	87
33) Benzene	4.995	78	43660	1.322	ug/L	100
35) Methylcyclohexane	6.027	83	3917	0.263	ug/L #	60
42) Toluene	7.317	91	5446	0.156	ug/L	94
51) Chlorobenzene	8.812	112	84487	3.950	ug/L	98
53) m,p-Xylene	9.075	106	5062	0.339	ug/L	95
54) o-Xylene	9.484	106	801	0.055	ug/L	99
60) Isopropylbenzene	9.866	105	6973	0.184	ug/L #	85
64) 1,3-Dichlorobenzene	11.117	146	34598	2.067	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	221980	13.545	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	63490	4.365	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	4980	0.460	ug/L #	73

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