Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
Data File : VV025529.D
Acq On : 14 Apr 2022 06:25
Operator : SY/MD
Sample : N2357-12MSD
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAZ18MSD

Quant Time: Apr 14 06:56:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 14 05:22:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	85750	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	35024	4.393	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.800%			
7) Chloroethane-d5	1.574	69	37664	4.441	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.800%			
11) 1,1-Dichloroethene-d2	2.114	63	65288	4.088	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	3.902	46	78192	80.631	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 161.260%#			
24) Chloroform-d	4.355	84	68127	5.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.200%			
26) 1,2-Dichloroethane-d4	5.037	65	34548	6.656	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 133.200%#			
32) Benzene-d6	5.053	84	118613	4.919	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	6.072	67	39626	5.892	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.800%			
41) Toluene-d8	7.317	98	92978	4.155	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
43) trans-1,3-Dichloroprop...	7.625	79	10261	4.540	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.088	63	55170	69.544	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 139.080%#			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30120	7.089	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 141.800%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	33247	4.731	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	28801	3.718	ug/L	98
3) Chloromethane	1.246	50	69982	8.314	ug/L	98
5) Vinyl chloride	1.317	62	59024	6.206	ug/L	98
6) Bromomethane	1.526	94	40582	5.917	ug/L	99
8) Chloroethane	1.590	64	44864	6.111	ug/L	99
9) Trichlorofluoromethane	1.761	101	56743	4.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	22225	2.961	ug/L	97
12) 1,1-Dichloroethene	2.124	96	36971	4.971	ug/L	84
13) Acetone	2.195	43	60348	91.685	ug/L	96
14) Carbon disulfide	2.301	76	79627	4.473	ug/L	99
15) Methyl Acetate	2.449	43	5220	3.568	ug/L	89
16) Methylene chloride	2.513	84	50024	6.937	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	95271	8.278	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	34832	5.589	ug/L	97
19) 1,1-Dichloroethane	3.195	63	77897	7.379	ug/L	97
21) 2-Butanone	3.986	43	85628	94.148	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	44075	6.718	ug/L	91
23) Bromochloromethane	4.259	128	20909	7.676	ug/L	98
25) Chloroform	4.378	83	80130	7.192	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	48354	8.225	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	52465	5.338	ug/L	99
30) Cyclohexane	4.680	56	22945	2.567	ug/L	96
31) Carbon tetrachloride	4.831	117	36469	4.387	ug/L	98
33) Benzene	5.105	78	154446	6.274	ug/L	100
34) Trichloroethene	5.918	95	35251	5.393	ug/L	98
35) Methylcyclohexane	6.133	83	21776	2.088	ug/L	95
37) 1,2-Dichloropropane	6.175	63	39802	6.989	ug/L	99
38) Bromodichloromethane	6.513	83	52555	7.433	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	40538	5.431	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	220589	96.732	ug/L	96
42) Toluene	7.387	91	139107	5.195	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	32629	5.627	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30735	8.059	ug/L	98
47) Tetrachloroethene	7.979	164	18310	3.578	ug/L	96
48) 2-Hexanone	8.140	43	162084	101.990	ug/L	94
49) Dibromochloromethane	8.246	129	30840	7.366	ug/L	100
50) 1,2-Dibromoethane	8.352	107	27054	7.552	ug/L	93
51) Chlorobenzene	8.883	112	89743	5.248	ug/L	97
52) Ethylbenzene	9.011	91	118798	4.159	ug/L	97
53) m,p-Xylene	9.140	106	45079	4.151	ug/L	95
54) o-Xylene	9.545	106	51039	4.839	ug/L	100
55) Styrene	9.561	104	89153	5.198	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	32460	8.518	ug/L	97
59) Bromoform	9.731	173	13814	7.983	ug/L	95
60) Isopropylbenzene	9.931	105	103301	3.981	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	25294	9.162	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	47187	4.078	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	89328	4.285	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	63237	5.221	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	63322	5.150	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	62132	5.793	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4619	9.677	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	41203	4.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	36524	5.142	ug/L	98
71) Naphthalene	13.500	128	72809	6.987	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	34475	5.861	ug/L	98

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

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