Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
Data File : VV027927.D
Acq On : 18 Sep 2022 02:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005295

Quant Time: Sep 19 02:39:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124129	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	124114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32211	3.251	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.000%			
7) Chloroethane-d5	1.568	69	28041	4.003	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.000%			
11) 1,1-Dichloroethene-d2	2.108	63	64768	4.155	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.000%			
20) 2-Butanone-d5	3.896	46	81893	53.511	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.020%			
24) Chloroform-d	4.346	84	76754	4.202	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.000%			
26) 1,2-Dichloroethane-d4	5.031	65	46866	5.117	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	5.050	84	152601	4.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.066	67	40224	4.498	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.314	98	126165	3.982	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	7.622	79	18110	4.731	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.600%			
46) 2-Hexanone-d5	8.088	63	67805	53.409	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.820%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26992	4.363	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.200%			
66) 1,2-Dichlorobenzene-d4	11.622	152	51330	4.738	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	43315	4.348	ug/L	99
3) Chloromethane	1.240	50	24284	3.120	ug/L	89
5) Vinyl chloride	1.311	62	29668	3.330	ug/L	98
6) Bromomethane	1.523	94	19780	4.120	ug/L	98
8) Chloroethane	1.584	64	20660	4.066	ug/L	94
9) Trichlorofluoromethane	1.754	101	71197	4.801	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	32055	4.498	ug/L	93
12) 1,1-Dichloroethene	2.118	96	30595	4.498	ug/L	89
13) Acetone	2.188	43	50564	50.798	ug/L	96
14) Carbon disulfide	2.294	76	64005	3.898	ug/L	98
15) Methyl Acetate	2.439	43	9721	4.448	ug/L #	81
16) Methylene chloride	2.507	84	39240	4.460	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	92068	5.257	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	35209	4.593	ug/L	87
19) 1,1-Dichloroethane	3.188	63	68361	4.764	ug/L	98
21) 2-Butanone	3.986	43	69909	52.100	ug/L	95
22) cis-1,2-Dichloroethene	3.909	96	43113	4.999	ug/L #	85
23) Bromochloromethane	4.249	128	19102	4.847	ug/L #	78
25) Chloroform	4.372	83	76341	4.435	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.127	62	50784	5.216	ug/L		95
29) 1,1,1-Trichloroethane	4.603	97	71049	4.380	ug/L		97
30) Cyclohexane	4.677	56	36779	3.696	ug/L	#	82
31) Carbon tetrachloride	4.825	117	63458	4.414	ug/L		99
33) Benzene	5.098	78	155669	4.811	ug/L		100
34) Trichloroethene	5.912	95	39840	4.558	ug/L		92
35) Methylcyclohexane	6.127	83	49797	4.114	ug/L		90
37) 1,2-Dichloropropane	6.169	63	34182	4.691	ug/L	#	97
38) Bromodichloromethane	6.506	83	53768	4.729	ug/L		93
39) cis-1,3-Dichloropropene	7.027	75	45863	4.183	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	156575	44.229	ug/L	#	88
42) Toluene	7.387	91	162355	4.570	ug/L		98
44) trans-1,3-Dichloropropene	7.651	75	47134	4.866	ug/L		99
45) 1,1,2-Trichloroethane	7.838	97	29851	5.275	ug/L		94
47) Tetrachloroethene	7.973	164	34679	4.749	ug/L		96
48) 2-Hexanone	8.140	43	140055	55.131	ug/L	#	93
49) Dibromochloromethane	8.243	129	38984	5.252	ug/L		96
50) 1,2-Dibromoethane	8.352	107	25636	5.053	ug/L	#	97
51) Chlorobenzene	8.879	112	116886	4.808	ug/L		97
52) Ethylbenzene	9.011	91	180272	4.662	ug/L		96
53) m,p-Xylene	9.137	106	72203	4.714	ug/L		97
54) o-Xylene	9.542	106	72383	4.864	ug/L		99
55) Styrene	9.558	104	129862	5.050	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.239	83	24973	4.300	ug/L	#	96
59) Bromoform	9.731	173	21457	5.853	ug/L		95
60) Isopropylbenzene	9.928	105	193935	5.369	ug/L		97
61) 1,2,3-Trichloropropane	10.272	75	21109	4.968	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	49868	4.714	ug/L		93
63) 1,2,4-Trimethylbenzene	10.911	105	134522	4.524	ug/L		98
64) 1,3-Dichlorobenzene	11.178	146	88960	4.851	ug/L		99
65) 1,4-Dichlorobenzene	11.272	146	88916	4.784	ug/L		96
67) 1,2-Dichlorobenzene	11.641	146	82373	4.878	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5028	5.548	ug/L		97
69) 1,3,5-Trichlorobenzene	12.641	180	79324	5.338	ug/L		98
70) 1,2,4-trichlorobenzene	13.259	180	63891	5.461	ug/L		99
71) Naphthalene	13.500	128	85060	5.230	ug/L		98
72) 1,2,3-Trichlorobenzene	13.741	180	54957	5.517	ug/L		98

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

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