Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028628.D
Acq On : 20 Oct 2022 11:14
Operator : SY/MD
Sample : VSTD0.564
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 20 23:11:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 20 23:10:31 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.600	114	232153	5.000	ug/L		0.00
28) Chlorobenzene-d5	8.841	117	152812	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	69340	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.298	65	10158	0.483	ug/L		0.00
7) Chloroethane-d5	1.558	69	8680	0.510	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.098	63	18504	0.489	ug/L		0.00
20) 2-Butanone-d5	3.960	46	19988m	4.672	ug/L		0.00
24) Chloroform-d	4.330	84	15877	0.500	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.021	65	8432	0.518	ug/L		0.00
32) Benzene-d6	5.027	84	31724	0.602	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.056	67	10873	0.613	ug/L		0.00
41) Toluene-d8	7.301	98	24578	0.603	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.612	79	2905m	0.557	ug/L		0.00
46) 2-Hexanone-d5	8.108	63	7952	3.551	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	4316	0.453	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	5729	0.490	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.124	85	6700	0.514	ug/L		92
3) Chloromethane	1.230	50	13934	0.628	ug/L		92
5) Vinyl chloride	1.301	62	12208	0.557	ug/L		95
6) Bromomethane	1.513	94	6738	0.676	ug/L		93
8) Chloroethane	1.574	64	9167	0.640	ug/L		90
9) Trichlorofluoromethane	1.741	101	14951	0.559	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	8572	0.537	ug/L		95
12) 1,1-Dichloroethene	2.105	96	8317	0.564	ug/L		82
13) Acetone	2.262	43	18037m	5.962	ug/L		
14) Carbon disulfide	2.278	76	20880	0.521	ug/L		96
15) Methyl Acetate	2.455	43	4199	0.594	ug/L	#	86
16) Methylene chloride	2.494	84	16492	0.799	ug/L		98
17) Methyl tert-butyl Ether	2.770	73	23248	0.615	ug/L		97
18) trans-1,2-Dichloroethene	2.741	96	10293	0.670	ug/L		89
19) 1,1-Dichloroethane	3.172	63	22600	0.646	ug/L		98
21) 2-Butanone	4.040	43	27885	6.295	ug/L	#	71
22) cis-1,2-Dichloroethene	3.889	96	10907	0.625	ug/L	#	98
23) Bromochloromethane	4.233	128	4239	0.638	ug/L		81
25) Chloroform	4.359	83	21228	0.640	ug/L		96
27) 1,2-Dichloroethane	5.117	62	11952	0.607	ug/L		97
29) 1,1,1-Trichloroethane	4.584	97	15780	0.719	ug/L		97
30) Cyclohexane	4.645	56	15256	0.603	ug/L		92
31) Carbon tetrachloride	4.799	117	10688	0.630	ug/L		85
33) Benzene	5.076	78	43114	0.752	ug/L		100
34) Trichloroethene	5.892	95	10336	0.728	ug/L		97
35) Methylcyclohexane	6.104	83	13951	0.591	ug/L		95
37) 1,2-Dichloropropane	6.162	63	12150	0.793	ug/L	#	92
38) Bromodichloromethane	6.497	83	11721	0.710	ug/L		99
39) cis-1,3-Dichloropropene	7.018	75	12780	0.679	ug/L		100
40) 4-Methyl-2-pentanone	7.246	43	59182	7.593	ug/L		97
42) Toluene	7.375	91	36232	0.696	ug/L		99
44) trans-1,3-Dichloropropene	7.645	75	8341	0.607	ug/L		89

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45) 1,1,2-Trichloroethane	7.834	97	5493	0.702	ug/L		98
47) Tetrachloroethene	7.960	164	5081	0.594	ug/L		93
48) 2-Hexanone	8.156	43	30405	5.774	ug/L		97
49) Dibromochloromethane	8.236	129	4532	0.554	ug/L		98
50) 1,2-Dibromoethane	8.346	107	4614	0.670	ug/L	#	99
51) Chlorobenzene	8.873	112	18993	0.590	ug/L		100
52) Ethylbenzene	9.001	91	30693	0.536	ug/L		98
53) m,p-Xylene	9.130	106	10999	0.511	ug/L		99
54) o-Xylene	9.535	106	11182	0.540	ug/L		84
55) Styrene	9.555	104	18315	0.518	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.236	83	5776	0.594	ug/L	#	97
59) Bromoform	9.728	173	1691	0.487	ug/L	#	96
60) Isopropylbenzene	9.921	105	28569	0.553	ug/L		98
61) 1,2,3-Trichloropropane	10.268	75	4309	0.674	ug/L		94
62) 1,3,5-Trimethylbenzene	10.532	105	8477	0.551	ug/L		100
63) 1,2,4-Trimethylbenzene	10.905	105	21920	0.520	ug/L		99
64) 1,3-Dichlorobenzene	11.175	146	12231	0.562	ug/L		95
65) 1,4-Dichlorobenzene	11.265	146	12706	0.593	ug/L		96
67) 1,2-Dichlorobenzene	11.635	146	11760	0.600	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.423	75	964	0.764	ug/L	#	76
69) 1,3,5-Trichlorobenzene	12.638	180	8493	0.540	ug/L		98
70) 1,2,4-trichlorobenzene	13.252	180	6770	0.563	ug/L		97
71) Naphthalene	13.493	128	14869	0.831	ug/L		98
72) 1,2,3-Trichlorobenzene	13.734	180	5989	0.597	ug/L		96

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

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