

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024510.D
 Acq On : 29 Jan 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jan 29 03:56:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38747	4.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.568	69	42666	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.111	63	87047	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.912	46	74709	51.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.080%
24) Chloroform-d	4.352	84	95805	5.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.037	65	45820	5.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.053	84	160593	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	56476	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.317	98	141364	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.625	79	17466	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.092	63	73340	58.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38480	6.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	51178	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	49128	4.196	ug/L	99
3) Chloromethane	1.240	50	47288	4.445	ug/L	98
5) Vinyl chloride	1.310	62	48121	4.509	ug/L	98
6) Bromomethane	1.523	94	28837	4.315	ug/L	95
8) Chloroethane	1.587	64	30400	4.844	ug/L	95
9) Trichlorofluoromethane	1.754	101	68666	4.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	37168	4.517	ug/L	92
12) 1,1-Dichloroethene	2.121	96	35121	4.502	ug/L #	77
13) Acetone	2.198	43	33453m	44.266	ug/L	
14) Carbon disulfide	2.298	76	96409	4.020	ug/L	99
15) Methyl Acetate	2.445	43	9314	4.563	ug/L	100
16) Methylene chloride	2.510	84	34499	4.320	ug/L	86
17) Methyl tert-butyl Ether	2.770	73	55909	3.982	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	31290	4.179	ug/L	86
19) 1,1-Dichloroethane	3.191	63	63093	4.520	ug/L	98
21) 2-Butanone	4.005	43	47847m	35.037	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	29644	3.942	ug/L	86
23) Bromochloromethane	4.256	128	14029	4.158	ug/L #	78
25) Chloroform	4.381	83	64853	4.091	ug/L	99

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27) 1,2-Dichloroethane	5.137	62	35318	4.675	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	54414	4.162	ug/L	96
30) Cyclohexane	4.677	56	45232	3.665	ug/L	90
31) Carbon tetrachloride	4.828	117	47195	4.011	ug/L	99
33) Benzene	5.101	78	124027	4.111	ug/L	100
34) Trichloroethene	5.918	95	33084	3.879	ug/L	92
35) Methylcyclohexane	6.130	83	42934	3.413	ug/L	89
37) 1,2-Dichloropropane	6.175	63	32034	4.322	ug/L #	96
38) Bromodichloromethane	6.513	83	42497	4.235	ug/L #	96
39) cis-1,3-Dichloropropene	7.031	75	38342	3.839	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	149731	43.336	ug/L #	90
42) Toluene	7.387	91	131888	4.127	ug/L	94
44) trans-1,3-Dichloropropene	7.654	75	34035	4.091	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	21325	4.255	ug/L	98
47) Tetrachloroethene	7.976	164	26569	3.955	ug/L	96
48) 2-Hexanone	8.143	43	121167	47.697	ug/L #	95
49) Dibromochloromethane	8.246	129	24479	3.924	ug/L	99
50) 1,2-Dibromoethane	8.355	107	19559	4.163	ug/L	95
51) Chlorobenzene	8.883	112	78317	3.796	ug/L	93
52) Ethylbenzene	9.014	91	119669	3.562	ug/L	98
53) m,p-xylene	9.140	106	45595	3.616	ug/L	98
54) o-xylene	9.545	106	43207	3.636	ug/L	98
55) Styrene	9.561	104	71220	3.585	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	21659	4.413	ug/L	97
59) Bromoform	9.735	173	12000	3.780	ug/L	99
60) Isopropylbenzene	9.931	105	117484	3.821	ug/L	97
61) 1,2,3-Trichloropropane	10.272	75	17410	4.450	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	86010	3.474	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	86781	3.416	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	60665	3.903	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	60076	3.797	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	54385	3.812	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3091	4.062	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.644	180	44714	3.530	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	32441	3.362	ug/L	96
71) Naphthalene	13.503	128	41339	3.397	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	29335	3.564	ug/L	97

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

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