

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026371.D
 Acq On : 17 Jun 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Jun 17 23:53:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/18/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	201062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	66529	3.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.584	69	59248	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.124	63	131099	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.921	46	101607	59.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.260%
24) Chloroform-d	4.359	84	132786	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.040	65	53266	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.056	84	252131	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.075	67	73889	4.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	234272	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.625	79	18666	3.876	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.091	63	79845	54.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52082	5.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	71910	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	80409	5.349	ug/L	99
3) Chloromethane	1.256	50	82529	4.944	ug/L	97
5) Vinyl chloride	1.326	62	87373	5.034	ug/L	86
6) Bromomethane	1.535	94	47443	4.891	ug/L	98
8) Chloroethane	1.600	64	57720m	5.357	ug/L	
9) Trichlorofluoromethane	1.767	101	129599	5.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	77010	5.543	ug/L	99
12) 1,1-Dichloroethene	2.134	96	70030	5.513	ug/L	91
13) Acetone	2.211	43	68148	51.604	ug/L	84
14) Carbon disulfide	2.307	76	158479	5.060	ug/L	98
15) Methyl Acetate	2.458	43	17649	5.570	ug/L	100
16) Methylene chloride	2.523	84	73855	4.557	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	118563	5.428	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	65637	5.328	ug/L	99
19) 1,1-Dichloroethane	3.204	63	130181	5.541	ug/L	99
21) 2-Butanone	4.002	43	102953	60.250	ug/L	91
22) cis-1,2-Dichloroethene	3.924	96	68701	5.512	ug/L	98
23) Bromochloromethane	4.262	128	31109	5.882	ug/L	89
25) Chloroform	4.384	83	138223	5.423	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	66167	5.704	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	118069	5.614	ug/L	99
30) Cyclohexane	4.686	56	83479	5.307	ug/L	99
31) Carbon tetrachloride	4.838	117	97546	5.476	ug/L	98
33) Benzene	5.108	78	282217	5.783	ug/L	100
34) Trichloroethene	5.918	95	69857	5.243	ug/L	96
35) Methylcyclohexane	6.137	83	98897	5.366	ug/L	98
37) 1,2-Dichloropropane	6.178	63	70186	5.499	ug/L	99
38) Bromodichloromethane	6.513	83	84000	5.426	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	65631	4.505	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	265951	56.668	ug/L	98
42) Toluene	7.387	91	304434	5.931	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	50939	4.378	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46587	5.561	ug/L	95
47) Tetrachloroethene	7.976	164	54558	5.529	ug/L	98
48) 2-Hexanone	8.140	43	194712	57.908	ug/L	99
49) Dibromochloromethane	8.246	129	47540	5.124	ug/L	94
50) 1,2-Dibromoethane	8.355	107	40274	5.642	ug/L	100
51) Chlorobenzene	8.882	112	188730	5.631	ug/L	100
52) Ethylbenzene	9.011	91	293555	5.705	ug/L	99
53) m,p-Xylene	9.136	106	116569	5.812	ug/L	99
54) o-Xylene	9.542	106	109201	5.620	ug/L	98
55) Styrene	9.561	104	196827	6.032	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53430	6.287	ug/L	95
59) Bromoform	9.731	173	18569	4.373	ug/L	99
60) Isopropylbenzene	9.931	105	297882	5.777	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34557	5.506	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	223691	5.467	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	227387	5.615	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	144077	5.687	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	141539	5.497	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	124483	5.547	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6090	5.478	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	96689	5.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	69156	5.118	ug/L	98
71) Naphthalene	13.500	128	89621	4.777	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	58497	5.171	ug/L	98

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

Reviewed By :Krupa Patel 06/18/2022
Supervised By :Mahesh Dadoda 06/20/2022

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