

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026450.D
 Acq On : 20 Jun 2022 16:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005329

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 02:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	206827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	68861	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.587	69	59279	4.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.127	63	133630	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.931	46	93833	53.530	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.368	84	136913	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.047	65	53293	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.063	84	268253	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.079	67	77736	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.320	98	256040	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.629	79	19368	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.095	63	71419	49.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48389	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	75789	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	73912	4.779	ug/L	100
3) Chloromethane	1.259	50	72895	4.245	ug/L	97
5) Vinyl chloride	1.330	62	81203	4.548	ug/L	83
6) Bromomethane	1.542	94	38604	3.869	ug/L	96
8) Chloroethane	1.603	64	55858m	5.040	ug/L	
9) Trichlorofluoromethane	1.770	101	123703	5.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	73772	5.162	ug/L	99
12) 1,1-Dichloroethene	2.137	96	65800	5.036	ug/L	94
13) Acetone	2.224	43	62425	45.953	ug/L	96
14) Carbon disulfide	2.310	76	142833	4.433	ug/L	99
15) Methyl Acetate	2.465	43	15170	4.654	ug/L	94
16) Methylene chloride	2.526	84	79221	4.752	ug/L	98
17) Methyl tert-butyl Ether	2.793	73	115482	5.140	ug/L	99
18) trans-1,2-Dichloroethene	2.780	96	65832	5.195	ug/L	98
19) 1,1-Dichloroethane	3.208	63	131093	5.424	ug/L	99
21) 2-Butanone	4.015	43	92332	52.529	ug/L #	68
22) cis-1,2-Dichloroethene	3.934	96	71467	5.574	ug/L	94
23) Bromochloromethane	4.269	128	29479	5.418	ug/L	94
25) Chloroform	4.394	83	138106	5.268	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	62566	5.243	ug/L	98
29) 1,1,1-Trichloroethane	4.625	97	120016	5.710	ug/L	98
30) Cyclohexane	4.693	56	81816	5.204	ug/L	99
31) Carbon tetrachloride	4.841	117	96343	5.412	ug/L	99
33) Benzene	5.111	78	280729	5.756	ug/L	100
34) Trichloroethene	5.924	95	70220	5.274	ug/L	99
35) Methylcyclohexane	6.140	83	97544	5.296	ug/L	97
37) 1,2-Dichloropropane	6.182	63	72004	5.645	ug/L	98
38) Bromodichloromethane	6.516	83	81158	5.246	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	70837	4.866	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	245687	52.383	ug/L	98
42) Toluene	7.391	91	306849	5.982	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	54588	4.695	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	43889	5.242	ug/L	93
47) Tetrachloroethene	7.979	164	55539	5.631	ug/L	97
48) 2-Hexanone	8.143	43	172575	51.357	ug/L	99
49) Dibromochloromethane	8.249	129	46364	5.000	ug/L	100
50) 1,2-Dibromoethane	8.355	107	38436	5.387	ug/L	98
51) Chlorobenzene	8.883	112	189084	5.646	ug/L	99
52) Ethylbenzene	9.014	91	303941	5.911	ug/L	97
53) m,p-Xylene	9.140	106	120397	6.007	ug/L	95
54) o-Xylene	9.545	106	113213	5.830	ug/L	98
55) Styrene	9.561	104	196021	6.012	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	48665	5.730	ug/L	100
59) Bromoform	9.731	173	18782	4.435	ug/L	99
60) Isopropylbenzene	9.931	105	308548	6.001	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32036	5.119	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	235510	5.773	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	240005	5.943	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	146362	5.793	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	143270	5.580	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	123175	5.504	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5393	4.865	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	100666	5.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70449	5.229	ug/L	100
71) Naphthalene	13.500	128	87751	4.691	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	57898	5.133	ug/L	99

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

Manual Integrations

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