

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034333.D
 Acq On : 22 Feb 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/23/2024
 Supervised By :Semsettin Yesilyurt 02/23/2024

Quant Time: Feb 23 01:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	77427	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	68986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24979	4.166	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.535	69	23675	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	11993	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.828	46	48923	48.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.249	84	55831	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	4.944	65	26026	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.960	84	98129	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.989	67	27039	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.243	98	87336	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.558	79	8672	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.027	63	36029	46.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17471	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	29129	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30431	4.289	ug/L	97
3) Chloromethane	1.217	50	37932	4.901	ug/L	95
5) Vinyl chloride	1.285	62	34428	4.655	ug/L	90
6) Bromomethane	1.490	94	13934	3.578	ug/L	98
8) Chloroethane	1.552	64	24041	4.765	ug/L	96
9) Trichlorofluoromethane	1.716	101	58423	5.482	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28870	5.182	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30064	5.558	ug/L	93
13) Acetone	2.153	43	37797m	49.470	ug/L	
14) Carbon disulfide	2.240	76	84000	4.800	ug/L	99
15) Methyl Acetate	2.388	43	9221	5.100	ug/L #	86
16) Methylene chloride	2.445	84	29710	5.725	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	61960	5.575	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29713	5.393	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57283	5.659	ug/L	96
21) 2-Butanone	3.915	43	53188m	52.679	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	32264	5.162	ug/L	98
23) Bromochloromethane	4.150	128	12492	5.749	ug/L	96
25) Chloroform	4.275	83	59532	5.818	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33411	5.702	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	55454	5.987	ug/L	99
30) Cyclohexane	4.580	56	43952	4.879	ug/L	99
31) Carbon tetrachloride	4.735	117	47119	5.814	ug/L	98
33) Benzene	5.008	78	120905	5.843	ug/L	100
34) Trichloroethene	5.831	95	31198	5.210	ug/L	98
35) Methylcyclohexane	6.050	83	42745	4.547	ug/L	97
37) 1,2-Dichloropropane	6.092	63	28191	5.625	ug/L	99
38) Bromodichloromethane	6.432	83	38009	5.777	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	34519	4.526	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	127644	53.183	ug/L	98
42) Toluene	7.313	91	127508	5.766	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	26391	4.507	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	17165	5.546	ug/L	94
47) Tetrachloroethene	7.902	164	24492	5.034	ug/L	96
48) 2-Hexanone	8.079	43	84113	49.718	ug/L	99
49) Dibromochloromethane	8.175	129	20445	5.559	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15411	5.548	ug/L	100
51) Chlorobenzene	8.812	112	78040	5.582	ug/L	99
52) Ethylbenzene	8.944	91	139623	5.485	ug/L	100
53) m,p-Xylene	9.072	106	53207	5.531	ug/L	99
54) o-Xylene	9.477	106	52553	5.666	ug/L	99
55) Styrene	9.497	104	79824	5.375	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	17908	5.482	ug/L	93
59) Bromoform	9.667	173	9311	5.093	ug/L	97
60) Isopropylbenzene	9.866	105	129950	5.292	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12785	5.604	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	112598	5.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	110145	5.461	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	60310	5.633	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	56948	5.371	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	52064	5.662	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2465	5.155	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	41846	5.050	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	31393	4.853	ug/L	99
71) Naphthalene	13.439	128	40878	4.823	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26413	5.096	ug/L	98

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

