

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040324\
 Data File : VW034945.D
 Acq On : 03 Apr 2024 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Apr 04 02:46:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/09/2024
 Supervised By :Semsettin Yesilyurt 04/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	182256	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	90666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77805	5.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.532	69	63923	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.056	65	34865	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.850	46	115016	49.012	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.020%
24) Chloroform-d	4.246	84	129334	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.947	65	58920	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	4.957	84	251548	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	5.989	67	75416	5.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.239	98	233883	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.555	79	24462	4.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.030	63	87477	51.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	53235	5.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	74238	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75748	5.408	ug/L	99
3) Chloromethane	1.214	50	93518	5.505	ug/L	98
5) Vinyl chloride	1.281	62	98959	5.447	ug/L	100
6) Bromomethane	1.487	94	54768	5.280	ug/L	98
8) Chloroethane	1.548	64	62048	5.313	ug/L	99
9) Trichlorofluoromethane	1.712	101	130533	5.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78940	5.336	ug/L	99
12) 1,1-Dichloroethene	2.066	96	73631	5.329	ug/L	96
13) Acetone	2.169	43	90766m	53.022	ug/L	
14) Carbon disulfide	2.236	76	213788	5.194	ug/L	99
15) Methyl Acetate	2.394	43	25209	5.335	ug/L	96
16) Methylene chloride	2.445	84	83689	5.521	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	165307	5.556	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	73334	5.355	ug/L	94
19) 1,1-Dichloroethane	3.108	63	146717	5.430	ug/L	100
21) 2-Butanone	3.915	43	143094m	52.154	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	75530	5.266	ug/L	98
23) Bromochloromethane	4.149	128	33364	5.540	ug/L	98
25) Chloroform	4.272	83	145459	5.421	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	85811	5.682	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	119409	5.346	ug/L	98
30) Cyclohexane	4.580	56	107076	5.204	ug/L	97
31) Carbon tetrachloride	4.731	117	102710	5.373	ug/L	100
33) Benzene	5.008	78	311163	5.576	ug/L	100
34) Trichloroethene	5.831	95	78084	5.371	ug/L	98
35) Methylcyclohexane	6.047	83	112239	5.069	ug/L	100
37) 1,2-Dichloropropane	6.092	63	78770	5.445	ug/L	100
38) Bromodichloromethane	6.432	83	99835	5.470	ug/L	95
39) cis-1,3-Dichloropropene	6.953	75	99992	5.145	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	362898	55.594	ug/L	100
42) Toluene	7.313	91	321365	5.479	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	84519	5.246	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	52379	5.510	ug/L	99
47) Tetrachloroethene	7.902	164	57602	5.274	ug/L	99
48) 2-Hexanone	8.079	43	267298	54.242	ug/L	99
49) Dibromochloromethane	8.175	129	61945	5.536	ug/L	98
50) 1,2-Dibromoethane	8.281	107	49918	5.578	ug/L	99
51) Chlorobenzene	8.812	112	204510	5.397	ug/L	100
52) Ethylbenzene	8.944	91	340044	5.368	ug/L	99
53) m,p-Xylene	9.072	106	123757	5.320	ug/L	100
54) o-Xylene	9.477	106	122716	5.377	ug/L	96
55) Styrene	9.493	104	211683	5.768	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	61421	5.406	ug/L	98
59) Bromoform	9.667	173	32978	5.852	ug/L	98
60) Isopropylbenzene	9.866	105	313730	5.536	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	45424	5.367	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	246720	5.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	259518	5.495	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	157130	5.433	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	157380	5.433	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	146816	5.495	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9373	5.387	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	112340	5.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	98042	5.812	ug/L	100
71) Naphthalene	13.438	128	136261	5.748	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	85262	5.747	ug/L	99

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

