

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034941.D
 Acq On : 02 Apr 2024 19:09
 Operator : SY/MD
 Sample : P1925-10MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9D(20240327)MSD

Quant Time: Apr 03 05:23:31 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 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	189064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	109010	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71959	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.535	69	59653	4.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.059	65	32378	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.812	46	145824	60.150	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.300%
24) Chloroform-d	4.249	84	126347	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	59914	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.960	84	250597	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	75805	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.243	98	230927	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.558	79	27514	5.336	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.027	63	120981	68.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.720%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	59759	5.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	83000	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	70763	4.891	ug/L	100
3) Chloromethane	1.217	50	82908	4.724	ug/L	98
5) Vinyl chloride	1.285	62	89650	4.776	ug/L	99
6) Bromomethane	1.490	94	49897	4.656	ug/L	100
8) Chloroethane	1.551	64	57622	4.776	ug/L	100
9) Trichlorofluoromethane	1.715	101	122229	4.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74508	4.875	ug/L	98
12) 1,1-Dichloroethene	2.069	96	68457	4.796	ug/L	95
13) Acetone	2.137	43	111291	62.930	ug/L	74
14) Carbon disulfide	2.243	76	201397	4.736	ug/L	100
15) Methyl Acetate	2.387	43	26094	5.346	ug/L	# 89
16) Methylene chloride	2.449	84	78949	5.041	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	170565	5.549	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	71227	5.034	ug/L	96
19) 1,1-Dichloroethane	3.114	63	141492	5.069	ug/L	99
21) 2-Butanone	3.892	43	159512	56.277	ug/L	# 76
22) cis-1,2-Dichloroethene	3.815	96	95157	6.422	ug/L	100
23) Bromochloromethane	4.153	128	32641	5.247	ug/L	94
25) Chloroform	4.278	83	138158	4.984	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	83962	5.382	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	115312	4.976	ug/L	98
30) Cyclohexane	4.583	56	108515	5.084	ug/L	98
31) Carbon tetrachloride	4.735	117	99481	5.017	ug/L	100
33) Benzene	5.011	78	321202	5.549	ug/L	100
34) Trichloroethene	5.834	95	77895	5.165	ug/L	96
35) Methylcyclohexane	6.050	83	114590	4.989	ug/L	99
37) 1,2-Dichloropropane	6.095	63	76710	5.111	ug/L	99
38) Bromodichloromethane	6.432	83	97392	5.144	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	106486	5.282	ug/L	95
40) 4-Methyl-2-pentanone	7.156	43	403072	59.525	ug/L	99
42) Toluene	7.316	91	323480	5.317	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	90110	5.392	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	54007	5.477	ug/L	98
47) Tetrachloroethene	7.905	164	57934	5.113	ug/L	97
48) 2-Hexanone	8.075	43	301761	59.031	ug/L	99
49) Dibromochloromethane	8.175	129	61414	5.291	ug/L	97
50) 1,2-Dibromoethane	8.284	107	51182	5.513	ug/L	97
51) Chlorobenzene	8.812	112	2763654	70.307	ug/L	98
52) Ethylbenzene	8.947	91	355253	5.406	ug/L	100
53) m,p-Xylene	9.072	106	128403	5.321	ug/L	98
54) o-Xylene	9.477	106	124320	5.251	ug/L	96
55) Styrene	9.496	104	207639	5.455	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	68737	5.832	ug/L	98
59) Bromoform	9.667	173	32360	4.776	ug/L	97
60) Isopropylbenzene	9.866	105	317197	4.655	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	51461m	5.057	ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	260839	4.660	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	278333	4.902	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	3530504	101.533	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	10416741	299.109	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	1106474	34.445	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	13391	6.401	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	152591	5.845	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	23595360m	1163.407	ug/L	
71) Naphthalene	13.442	128	180132	6.320	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	1890772	106.004	ug/L	100

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

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