

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034940.D
 Acq On : 02 Apr 2024 18:45
 Operator : SY/MD
 Sample : P1925-09MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 03 05:22:59 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	183396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	189306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	112423	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71282	4.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	60348	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	33195	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.812	46	144928	61.284	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.560%
24) Chloroform-d	4.249	84	124146	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.944	65	59475	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.960	84	248108	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	74481	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.243	98	228386	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	7.558	79	26874	5.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.027	63	120425	67.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.920%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	58634	5.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	82011	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	68538	4.856	ug/L	99
3) Chloromethane	1.217	50	80756	4.717	ug/L	98
5) Vinyl chloride	1.282	62	86161	4.706	ug/L	97
6) Bromomethane	1.491	94	47760	4.569	ug/L	98
8) Chloroethane	1.552	64	55769	4.738	ug/L	100
9) Trichlorofluoromethane	1.716	101	121620	4.997	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72418	4.857	ug/L	98
12) 1,1-Dichloroethene	2.069	96	67190	4.826	ug/L	95
13) Acetone	2.140	43	107915	62.555	ug/L	70
14) Carbon disulfide	2.240	76	194213	4.682	ug/L	99
15) Methyl Acetate	2.391	43	25604	5.377	ug/L	96
16) Methylene chloride	2.446	84	75403	4.936	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	166086	5.540	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	68891	4.992	ug/L	94
19) 1,1-Dichloroethane	3.111	63	139902	5.138	ug/L	99
21) 2-Butanone	3.892	43	157038	56.797	ug/L	# 72
22) cis-1,2-Dichloroethene	3.815	96	90872	6.287	ug/L	98
23) Bromochloromethane	4.153	128	32053	5.282	ug/L	96
25) Chloroform	4.278	83	134720	4.982	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	82011	5.389	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	111806	4.819	ug/L	99
30) Cyclohexane	4.580	56	104447	4.887	ug/L	98
31) Carbon tetrachloride	4.735	117	96448	4.857	ug/L	98
33) Benzene	5.011	78	315153	5.438	ug/L	100
34) Trichloroethene	5.834	95	74275	4.919	ug/L	97
35) Methylcyclohexane	6.050	83	109453	4.759	ug/L	99
37) 1,2-Dichloropropane	6.092	63	76952	5.121	ug/L	100
38) Bromodichloromethane	6.432	83	95118	5.017	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	103534	5.129	ug/L	94
40) 4-Methyl-2-pentanone	7.159	43	394428	58.174	ug/L	99
42) Toluene	7.313	91	314399	5.161	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	86532	5.171	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	52224	5.289	ug/L	98
47) Tetrachloroethene	7.905	164	55969	4.933	ug/L	96
48) 2-Hexanone	8.075	43	294950	57.624	ug/L	99
49) Dibromochloromethane	8.175	129	61094	5.257	ug/L	94
50) 1,2-Dibromoethane	8.281	107	49419	5.316	ug/L	99
51) Chlorobenzene	8.812	112	2775696	70.523	ug/L	99
52) Ethylbenzene	8.947	91	347361	5.279	ug/L	98
53) m,p-Xylene	9.072	106	124010	5.132	ug/L	99
54) o-Xylene	9.477	106	121343	5.118	ug/L	98
55) Styrene	9.497	104	202970	5.325	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	66834	5.663	ug/L	99
59) Bromoform	9.667	173	31431	4.498	ug/L	100
60) Isopropylbenzene	9.866	105	305887	4.353	ug/L #	85
61) 1,2,3-Trichloropropane	10.210	75	48872m	4.657	ug/L	
62) 1,3,5-Trimethylbenzene	10.477	105	255910	4.433	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	269755	4.606	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	3589078	100.084	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	10602969	295.214	ug/L	92
67) 1,2-Dichlorobenzene	11.577	146	1110725	33.528	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	12803	5.934	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	150190	5.578	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	24187426m	1156.394	ug/L	
71) Naphthalene	13.442	128	161167	5.483	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	1903074	103.455	ug/L	99

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

