

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024690.D
 Acq On : 30 Sep 2022 10:15
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Quant Time: Sep 30 23:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2022
 Supervised By :Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	582308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	529937	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	249744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	158153	25.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.840%	
7) Chloroethane-d5	2.885	69	89555	25.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.200%	
11) 1,1-Dichloroethene-d2	4.019	63	241814	17.148	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 68.600%	
21) 2-Butanone-d5	7.080	46	113117	51.642	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.280%	
24) Chloroform-d	7.647	84	384558	24.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.800%	
26) 1,2-Dichloroethane-d4	8.305	65	204145m	25.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.120%	
32) Benzene-d6	8.275	84	815904	24.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.360%	
36) 1,2-Dichloropropane-d6	9.274	67	250045	24.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.640%	
41) Toluene-d8	10.323	98	712672	23.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.160%	
43) trans-1,3-Dichloroprop...	10.579	79	104237	22.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.480%	
47) 2-Hexanone-d5	10.920	63	89327	50.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.900%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193419	26.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.920%	
66) 1,2-Dichlorobenzene-d4	13.853	152	230871	26.271	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	2730m	0.764	ug/L	
5) Vinyl chloride	2.361	62	8656	1.209	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	12252	1.604	ug/L	# 66
12) 1,1-Dichloroethene	4.044	96	11284	1.481	ug/L	# 1
13) Acetone	4.129	43	5009	3.134	ug/L	93
14) Carbon disulfide	4.385	76	22756	0.946	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	8731	1.020	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	13656m	1.006	ug/L	
19) 1,1-Dichloroethane	6.214	63	16159	1.009	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	9457	1.030	ug/L	89
22) 2-Butanone	7.183	43	7616m	2.979	ug/L	
23) Bromochloromethane	7.519	128	3948	1.058	ug/L	93
25) Chloroform	7.671	83	16996	1.119	ug/L	89
27) 1,2-Dichloroethane	8.396	62	10050	1.052	ug/L	# 89
29) Cyclohexane	7.951	56	15412	0.934	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	12776	0.996	ug/L	97
31) Carbon tetrachloride	8.067	117	10465	0.964	ug/L	95
33) Benzene	8.323	78	39602m	1.068	ug/L	
34) Trichloroethene	9.091	95	9263	0.985	ug/L	90

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35) Methylcyclohexane	9.335	83	15270	0.886	ug/L	93
37) 1,2-Dichloropropane	9.366	63	9212	1.006	ug/L #	95
38) Bromodichloromethane	9.640	83	11278	1.001	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	13455	0.929	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	10437	1.926	ug/L	99
42) Toluene	10.384	91	44147	1.153	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	6849	1.095	ug/L	98
46) Tetrachloroethene	10.866	164	6139	0.961	ug/L	86
49) Dibromochloromethane	11.128	129	6677	0.948	ug/L	94
50) 1,2-Dibromoethane	11.231	107	5981	1.010	ug/L #	100
51) Chlorobenzene	11.652	112	23968	1.022	ug/L	96
52) Ethylbenzene	11.731	91	40425	0.958	ug/L	98
53) m,p-Xylene	11.841	106	16329	0.991	ug/L	92
54) o-Xylene	12.164	106	15451	0.993	ug/L	97
55) Styrene	12.176	104	24327	0.928	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.707	83	8398	1.147	ug/L #	83
59) Bromoform	12.347	173	3573	1.012	ug/L	98
60) Isopropylbenzene	12.463	105	40909	1.005	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	5753	1.069	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	34601	0.978	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	35218	1.016	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	16953	1.025	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	17144	1.065	ug/L #	80
67) 1,2-Dichlorobenzene	13.865	146	15557	1.080	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.487	75	1389	1.092	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	10877	0.991	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	8580	0.930	ug/L	99
71) Naphthalene	15.359	128	19227	0.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	7906	1.007	ug/L	98

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

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