

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028358.D
 Acq On : 08 Apr 2024 16:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Apr 09 01:41:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	305780	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	284501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	125465	25.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.360%	
7) Chloroethane-d5	2.899	69	96821	26.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.240%	
11) 1,1-Dichloroethene-d2	4.021	65	53189	25.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.480%	
21) 2-Butanone-d5	7.075	46	55912	60.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.900%	
24) Chloroform-d	7.648	84	212268	26.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.400%	
26) 1,2-Dichloroethane-d4	8.300	65	116500	28.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	8.270	84	418818	26.947	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.800%	
36) 1,2-Dichloropropane-d6	9.270	67	123669	26.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.080%	
41) Toluene-d8	10.318	98	384985	27.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.960%	
43) trans-1,3-Dichloroprop...	10.574	79	52743	28.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.840%	
47) 2-Hexanone-d5	10.922	63	38884	60.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96011	29.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.840%	
66) 1,2-Dichlorobenzene-d4	13.848	152	120443	27.080	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100582m	24.457	ug/L	
3) Chloromethane	2.222	50	113933	23.595	ug/L	99
5) Vinyl chloride	2.375	62	135244	23.519	ug/L	100
6) Bromomethane	2.795	94	82808	23.049	ug/L	94
8) Chloroethane	2.936	64	81247	23.438	ug/L	98
9) Trichlorofluoromethane	3.271	101	105811	23.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101452	23.507	ug/L	95
12) 1,1-Dichloroethene	4.045	96	96944	23.923	ug/L	95
13) Acetone	4.118	43	81219	72.109	ug/L	96
14) Carbon disulfide	4.386	76	319566	23.953	ug/L	99
15) Methyl Acetate	4.667	43	45420	25.062	ug/L	99
16) Methylene chloride	4.917	84	121121	26.177	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	99971	23.420	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	150971	25.143	ug/L	99
19) 1,1-Dichloroethane	6.222	63	194293	23.362	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	107733	23.780	ug/L	95
22) 2-Butanone	7.167	43	81716	59.782	ug/L	98
23) Bromochloromethane	7.520	128	45786	23.463	ug/L	94
25) Chloroform	7.673	83	189924	23.247	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134430	23.840	ug/L	98
29) Cyclohexane	7.959	56	184269	24.520	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	161737	23.441	ug/L	100
31) Carbon tetrachloride	8.075	117	143012	23.373	ug/L	98
33) Benzene	8.319	78	419872	23.604	ug/L	100
34) Trichloroethene	9.093	95	111014	23.029	ug/L	98
35) Methylcyclohexane	9.331	83	199038	24.196	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108323	23.365	ug/L	100
38) Bromodichloromethane	9.642	83	133801	23.284	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	168177	24.737	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	131938	56.849	ug/L	99
42) Toluene	10.385	91	448630	23.807	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138870	25.249	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	75210	23.978	ug/L	94
46) Tetrachloroethene	10.861	164	82925	23.030	ug/L	94
48) 2-Hexanone	10.965	43	118875	64.528	ug/L	99
49) Dibromochloromethane	11.123	129	84798	25.294	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71362	24.927	ug/L #	91
51) Chlorobenzene	11.653	112	274508	23.435	ug/L	96
52) Ethylbenzene	11.727	91	510031	23.876	ug/L	99
53) m,p-Xylene	11.836	106	189192	23.816	ug/L	96
54) o-Xylene	12.160	106	175213	23.688	ug/L	95
55) Styrene	12.178	104	304336	24.175	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	90351	25.454	ug/L	97
59) Bromoform	12.342	173	45780	24.661	ug/L	100
60) Isopropylbenzene	12.458	105	499635	23.698	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65485	25.469	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	320458	23.847	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	395420	24.450	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	207518	23.196	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	210147	23.092	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	189576	24.091	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14273	24.225	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	141309	22.954	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	114425	23.802	ug/L	94
71) Naphthalene	15.360	128	216543	25.452	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101653	23.829	ug/L	99

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

