

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111324\
 Data File : VW031013.D
 Acq On : 13 Nov 2024 16:42
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Nov 14 00:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 14 00:30:57 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	348514	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	316847	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162906	25.000	ug/L	0.00

11/14/2024
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97558	17.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.280%
7) Chloroethane-d5	2.899	69	79930	18.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
11) 1,1-Dichloroethene-d2	4.015	65	49005	20.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.088	46	50022	53.179	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.360%
24) Chloroform-d	7.648	84	259488	25.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.040%
26) 1,2-Dichloroethane-d4	8.307	65	124909	24.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	8.270	84	501386	25.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.880%
36) 1,2-Dichloropropane-d6	9.270	67	146073	25.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	10.319	98	457735	25.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.720%
43) trans-1,3-Dichloroprop...	10.575	79	56888	24.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.760%
47) 2-Hexanone-d5	10.922	63	43100	57.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114695	28.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.480%
66) 1,2-Dichlorobenzene-d4	13.849	152	154449	26.028	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.120%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	76218	20.531	ug/L	94
3) Chloromethane	2.223	50	76753	15.344	ug/L	95
5) Vinyl chloride	2.375	62	100211	16.904	ug/L	99
6) Bromomethane	2.790	94	64398	16.544	ug/L	99
8) Chloroethane	2.930	64	60097	16.722	ug/L	93
9) Trichlorofluoromethane	3.265	101	107168	19.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106840	21.451	ug/L #	77
12) 1,1-Dichloroethene	4.039	96	95904	21.290	ug/L	98
13) Acetone	4.143	43	51450	44.784	ug/L	97
14) Carbon disulfide	4.387	76	273326	18.457	ug/L	100
15) Methyl Acetate	4.679	43	35947m	21.332	ug/L	
16) Methylene chloride	4.911	84	104942	21.299	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	105980	21.445	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	145864	21.868	ug/L	98
19) 1,1-Dichloroethane	6.222	63	197048	21.367	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	115622	22.054	ug/L	91
22) 2-Butanone	7.179	43	54508	42.367	ug/L	97
23) Bromochloromethane	7.514	128	52058	22.674	ug/L	91
25) Chloroform	7.673	83	208834	21.522	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	#
27) 1,2-Dichloroethane	8.398	62	121339	20.079	ug/L	94	11/14/2024
29) Cyclohexane	7.953	56	158963	20.935	ug/L	99	Supervised By :Mahesh Dadoda
30) 1,1,1-Trichloroethane	7.868	97	172994	21.255	ug/L	98	
31) Carbon tetrachloride	8.069	117	158146	21.624	ug/L	98	
33) Benzene	8.319	78	447032	21.889	ug/L	100	
34) Trichloroethene	9.093	95	119022	21.135	ug/L	97	
35) Methylcyclohexane	9.331	83	194723	21.816	ug/L	96	
37) 1,2-Dichloropropane	9.368	63	113546	22.247	ug/L	98	11/14/2024
38) Bromodichloromethane	9.642	83	144970	21.629	ug/L	99	
39) cis-1,3-Dichloropropene	10.069	75	167246	21.905	ug/L	96	
40) 4-Methyl-2-pentanone	10.209	43	98616	42.250	ug/L	98	
42) Toluene	10.386	91	483794	22.371	ug/L	97	
44) trans-1,3-Dichloropropene	10.605	75	135648	21.386	ug/L	98	
45) 1,1,2-Trichloroethane	10.782	97	81802	22.329	ug/L	98	
46) Tetrachloroethene	10.861	164	99722	23.163	ug/L	96	
48) 2-Hexanone	10.965	43	79573	44.810	ug/L	93	
49) Dibromochloromethane	11.130	129	90599	22.682	ug/L	100	
50) 1,2-Dibromoethane	11.233	107	74349	22.007	ug/L	100	
51) Chlorobenzene	11.654	112	308047	22.257	ug/L	95	
52) Ethylbenzene	11.727	91	543589	22.246	ug/L	99	
53) m,p-Xylene	11.837	106	213125	23.190	ug/L	99	
54) o-Xylene	12.160	106	194842	23.041	ug/L	98	
55) Styrene	12.178	104	344455	23.840	ug/L	96	
57) 1,1,2,2-Tetrachloroethane	12.709	83	91467	22.878	ug/L	99	
59) Bromoform	12.349	173	45982	19.767	ug/L	95	
60) Isopropylbenzene	12.459	105	556487	22.394	ug/L	98	
61) 1,2,3-Trichloropropane	12.763	75	62206	20.367	ug/L	98	
62) 1,3,5-Trimethylbenzene	12.940	105	444908	22.740	ug/L	99	
63) 1,2,4-Trimethylbenzene	13.245	105	429324	22.532	ug/L	98	
64) 1,3-Dichlorobenzene	13.495	146	251036	23.007	ug/L	95	
65) 1,4-Dichlorobenzene	13.574	146	251337	22.437	ug/L	94	
67) 1,2-Dichlorobenzene	13.867	146	217574	22.374	ug/L	97	
68) 1,2-Dibromo-3-chloropr...	14.476	75	12747	19.714	ug/L	91	
69) 1,3,5-Trichlorobenzene	14.623	180	170320	23.523	ug/L	96	
70) 1,2,4-trichlorobenzene	15.123	180	131006	22.787	ug/L	97	
71) Naphthalene	15.360	128	212611	22.812	ug/L	99	
72) 1,2,3-Trichlorobenzene	15.549	180	116528	23.518	ug/L	95	

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

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