

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027114.D
 Acq On : 14 Sep 2023 19:52
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Sep 15 00:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	754933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	744346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	408180	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	224806	16.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
7) Chloroethane-d5	2.893	69	209373	19.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.920%
11) 1,1-Dichloroethene-d2	4.027	65	103266	20.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.081	46	144386	55.559	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.120%
24) Chloroform-d	7.648	84	586926	26.127	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	8.307	65	288080	24.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.276	84	1229181	25.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	9.276	67	361052	25.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.318	98	1107665	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	10.575	79	137053	24.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.560%
47) 2-Hexanone-d5	10.922	63	88799	66.360	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	327099	29.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	402580	28.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	179387m	20.656	ug/L	
3) Chloromethane	2.222	50	211961	16.181	ug/L	99
5) Vinyl chloride	2.375	62	267456	17.900	ug/L	95
6) Bromomethane	2.789	94	195751	19.850	ug/L	96
8) Chloroethane	2.930	64	179439	19.138	ug/L	97
9) Trichlorofluoromethane	3.259	101	176029	20.306	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264201	24.541	ug/L	92
12) 1,1-Dichloroethene	4.051	96	253486	23.765	ug/L	89
13) Acetone	4.118	43	89642	39.395	ug/L	93
14) Carbon disulfide	4.393	76	654196	19.122	ug/L	96
15) Methyl Acetate	4.667	43	128019	27.059	ug/L #	88
16) Methylene chloride	4.917	84	337837	23.099	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	288348	24.699	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	504987	31.064	ug/L	96
19) 1,1-Dichloroethane	6.216	63	555063	25.223	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	343703	26.753	ug/L	95
22) 2-Butanone	7.167	43	167305	45.695	ug/L	91
23) Bromochloromethane	7.514	128	154257	27.668	ug/L	88
25) Chloroform	7.679	83	572701	26.533	ug/L	96

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27) 1,2-Dichloroethane	8.398	62	353446m	25.909	ug/L	
29) Cyclohexane	7.953	56	423188	21.806	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	427964	25.382	ug/L	96
31) Carbon tetrachloride	8.075	117	370232	24.637	ug/L	99
33) Benzene	8.325	78	1258056	24.714	ug/L	100
34) Trichloroethene	9.093	95	325599	24.894	ug/L	94
35) Methylcyclohexane	9.337	83	507058	22.817	ug/L	95
37) 1,2-Dichloropropane	9.367	63	325635	25.067	ug/L	98
38) Bromodichloromethane	9.648	83	401433	26.240	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	494385	25.636	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	370930	55.308	ug/L #	94
42) Toluene	10.386	91	1375683	26.260	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	411034	26.247	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	262399	28.040	ug/L	99
46) Tetrachloroethene	10.861	164	252288	25.269	ug/L	90
48) 2-Hexanone	10.965	43	241271	52.787	ug/L #	93
49) Dibromochloromethane	11.129	129	281488	29.201	ug/L	92
50) 1,2-Dibromoethane	11.233	107	239488	28.268	ug/L	96
51) Chlorobenzene	11.654	112	913939	27.085	ug/L	97
52) Ethylbenzene	11.727	91	1531082	26.363	ug/L	94
53) m,p-Xylene	11.836	106	588435	26.785	ug/L	96
54) o-Xylene	12.166	106	590165	28.710	ug/L	91
55) Styrene	12.178	104	1022802	29.155	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.708	83	318062	28.730	ug/L	100
59) Bromoform	12.349	173	167617	28.875	ug/L	96
60) Isopropylbenzene	12.458	105	1562927	27.951	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	222329	28.473	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1307714	29.308	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1287539	29.515	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	720664	28.331	ug/L	91
65) 1,4-Dichlorobenzene	13.580	146	693410	26.819	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	672636	29.349	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	48915	27.625	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	468950	26.539	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	437433	30.404	ug/L	95
71) Naphthalene	15.360	128	893595	35.101	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	392815	30.119	ug/L	100

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

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