

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024508.D
 Acq On : 31 Aug 2022 12:09
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Sep 01 02:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Semsettin Yesilyurt 09/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	360487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	343119	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189671	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	164123	16.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
7) Chloroethane-d5	2.873	69	141959	19.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
11) 1,1-Dichloroethene-d2	4.013	63	192124m	22.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	7.080	46	97328	53.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.360%
24) Chloroform-d	7.647	84	267344	23.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.280%
26) 1,2-Dichloroethane-d4	8.305	65	153348	21.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.280%
32) Benzene-d6	8.269	84	463400	23.572	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.275	67	148729	24.326	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	10.323	98	416997	22.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.573	79	69350	24.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.921	63	83248	60.846	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.700%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	177924	25.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	185862	26.022	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	55910	15.485	ug/L	92
3) Chloromethane	2.215	50	150997	22.384	ug/L	98
5) Vinyl chloride	2.349	62	249027	21.118	ug/L	97
6) Bromomethane	2.764	94	156401	18.895	ug/L	99
8) Chloroethane	2.910	64	131098	21.282	ug/L	99
9) Trichlorofluoromethane	3.245	101	112750	20.333	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	134500	25.287	ug/L	97
12) 1,1-Dichloroethene	4.026	96	117396	27.264	ug/L	94
13) Acetone	4.123	43	51736	47.365	ug/L	94
14) Carbon disulfide	4.367	76	343515	24.005	ug/L	98
15) Methyl Acetate	4.666	43	61261	22.926	ug/L	94
16) Methylene chloride	4.909	84	133477	22.077	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	131029	25.708	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	234760	28.131	ug/L #	87
19) 1,1-Dichloroethane	6.208	63	232095	24.082	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	142096	25.353	ug/L	99
22) 2-Butanone	7.171	43	87903	45.106	ug/L	99
23) Bromochloromethane	7.513	128	67252	24.573	ug/L	88
25) Chloroform	7.671	83	254150	23.768	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	172240	22.129	ug/L	# 95
29) Cyclohexane	7.952	56	209220	28.283	ug/L	96
30) 1,1,1-Trichloroethane	7.866	97	210290	25.996	ug/L	97
31) Carbon tetrachloride	8.061	117	192317	25.986	ug/L	98
33) Benzene	8.317	78	547352	25.622	ug/L	100
34) Trichloroethene	9.092	95	144463	25.658	ug/L	96
35) Methylcyclohexane	9.336	83	246386	27.274	ug/L	98
37) 1,2-Dichloropropane	9.366	63	136139	24.694	ug/L	98
38) Bromodichloromethane	9.640	83	188009	25.042	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	211313	27.420	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194851	49.704	ug/L	96
42) Toluene	10.384	91	613077	26.005	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	192471	25.703	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	112759	25.081	ug/L	93
46) Tetrachloroethene	10.860	164	108310	24.769	ug/L	97
48) 2-Hexanone	10.963	43	140158	48.470	ug/L	94
49) Dibromochloromethane	11.128	129	132043	24.832	ug/L	96
50) 1,2-Dibromoethane	11.232	107	109927	25.433	ug/L	96
51) Chlorobenzene	11.658	112	403870	25.523	ug/L	99
52) Ethylbenzene	11.725	91	695001	26.664	ug/L	96
53) m,p-Xylene	11.835	106	274552	26.821	ug/L	95
54) o-Xylene	12.164	106	258644	27.029	ug/L	95
55) Styrene	12.176	104	458226	27.090	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	147645	23.528	ug/L	97
59) Bromoform	12.341	173	72831	23.927	ug/L	98
60) Isopropylbenzene	12.463	105	718739	28.531	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105846	24.677	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	608997	29.981	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	609996	30.916	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	318070	26.408	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	317432	24.963	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	289594	25.650	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	23397	21.712	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	211503	27.206	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	172953	28.619	ug/L	96
71) Naphthalene	15.359	128	396163	29.849	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	159367	27.902	ug/L	96

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

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