

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023830.D
 Acq On : 18 Jul 2022 09:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Jul 19 01:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:58:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/19/2022
 Supervised By : Mahesh Dadoda 07/20/2022

07/19/2022
 Supervised By : Mahesh
 Dadoda

07/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199004	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	210778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127651	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.343	65	135230	26.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.440%
7) Chloroethane-d5	2.873	69	95862	28.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.080%
11) 1,1-Dichloroethene-d2	4.019	63	85961	20.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.074	46	31694	40.201	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.400%
24) Chloroform-d	7.647	84	123165	21.258	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	8.305	65	72154	20.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.440%
32) Benzene-d6	8.269	84	234243	21.379	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.275	67	69111	20.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	10.317	98	244059	21.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.840%
43) trans-1,3-Dichloroprop...	10.573	79	35232	22.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.080%
47) 2-Hexanone-d5	10.927	63	30346	43.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	80695	22.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	95720	21.006	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.001	85	25799	19.077	ug/L	95
3) Chloromethane	2.215	50	72127	21.779	ug/L	100
5) Vinyl chloride	2.355	62	147160	25.877	ug/L	100
6) Bromomethane	2.770	94	96760	26.305	ug/L	93
8) Chloroethane	2.910	64	71644	26.928	ug/L	98
9) Trichlorofluoromethane	3.239	101	66835	25.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	54602	21.583	ug/L	98
12) 1,1-Dichloroethene	4.032	96	47067	22.312	ug/L	90
13) Acetone	4.117	43	25062	44.963	ug/L	99
14) Carbon disulfide	4.373	76	119485	19.255	ug/L	100
15) Methyl Acetate	4.672	43	24473	19.618	ug/L	96
16) Methylene chloride	4.909	84	55514	17.840	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	52882	20.661	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	83439	21.072	ug/L	96
19) 1,1-Dichloroethane	6.208	63	99211	21.014	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	58915	20.777	ug/L	# 99
22) 2-Butanone	7.171	43	39423m	43.037	ug/L	
23) Bromochloromethane	7.507	128	27658	20.305	ug/L	88
25) Chloroform	7.671	83	112658	20.713	ug/L	96

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27) 1,2-Dichloroethane	8.397	62	81607	20.386	ug/L	99
29) Cyclohexane	7.952	56	79474	20.616	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	91201	19.984	ug/L	98
31) Carbon tetrachloride	8.067	117	85153	20.698	ug/L	99
33) Benzene	8.317	78	248792	20.771	ug/L	100
34) Trichloroethene	9.092	95	61264	19.369	ug/L	93
35) Methylcyclohexane	9.329	83	100840	20.937	ug/L	97
37) 1,2-Dichloropropane	9.366	63	64343	21.427	ug/L	100
38) Bromodichloromethane	9.646	83	88945	21.222	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	97798	21.607	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	94818	45.375	ug/L	97
42) Toluene	10.384	91	311707	22.819	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	97496	22.663	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	55137	20.999	ug/L	99
46) Tetrachloroethene	10.860	164	54103	22.122	ug/L	95
48) 2-Hexanone	10.963	43	76728	50.432	ug/L	98
49) Dibromochloromethane	11.122	129	68691	22.558	ug/L	100
50) 1,2-Dibromoethane	11.231	107	53126	21.060	ug/L #	98
51) Chlorobenzene	11.652	112	198076	21.500	ug/L	97
52) Ethylbenzene	11.725	91	356329	22.955	ug/L	98
53) m,p-Xylene	11.835	106	139473	23.029	ug/L	96
54) o-Xylene	12.164	106	135166	23.239	ug/L	99
55) Styrene	12.176	104	249273	24.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	79385	22.165	ug/L	98
59) Bromoform	12.347	173	39165	20.807	ug/L #	96
60) Isopropylbenzene	12.463	105	381800	22.266	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56083	20.037	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	312205	22.239	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	312707	22.279	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	170102	21.849	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	174302	21.044	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	155810	21.220	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	13200	20.447	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	110459	21.435	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	85439	21.472	ug/L	97
71) Naphthalene	15.359	128	193861	22.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	86561	23.339	ug/L	94

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

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