

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023828.D
 Acq On : 17 Jul 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 18 03:04:47 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107873	32.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.960%
7) Chloroethane-d5	2.879	69	78428	35.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.560%
11) 1,1-Dichloroethene-d2	4.013	63	63749	23.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.600%
21) 2-Butanone-d5	7.074	46	26102	50.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
24) Chloroform-d	7.647	84	99606	26.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.480%
26) 1,2-Dichloroethane-d4	8.305	65	59184	25.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.480%
32) Benzene-d6	8.275	84	190502	25.150	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	9.275	67	57839	25.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	10.323	98	196753	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.440%
43) trans-1,3-Dichloroprop...	10.579	79	24004	22.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.921	63	23311	48.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	66298	26.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	74040	26.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	17062	19.166	ug/L	98
3) Chloromethane	2.215	50	52697	24.172	ug/L	98
5) Vinyl chloride	2.355	62	105560	28.197	ug/L	99
6) Bromomethane	2.770	94	70645	29.175	ug/L	99
8) Chloroethane	2.916	64	53105	30.321	ug/L	99
9) Trichlorofluoromethane	3.251	101	46756	27.476	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37140	22.301	ug/L	98
12) 1,1-Dichloroethene	4.038	96	31130	22.417	ug/L	87
13) Acetone	4.129	43	15166	41.332	ug/L	99
14) Carbon disulfide	4.379	76	83537	20.450	ug/L	97
15) Methyl Acetate	4.666	43	19375m	23.593	ug/L	
16) Methylene chloride	4.909	84	44078	21.517	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	37920	22.506	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	61605	23.634	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	73986	23.805	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43885	23.510	ug/L #	92
22) 2-Butanone	7.171	43	26402	43.784	ug/L	98
23) Bromochloromethane	7.513	128	23038	25.692	ug/L	88
25) Chloroform	7.677	83	86424	24.137	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	59717	22.661	ug/L	99
29) Cyclohexane	7.958	56	50779	19.054	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	65569	20.782	ug/L	98
31) Carbon tetrachloride	8.067	117	59201	20.816	ug/L	99
33) Benzene	8.323	78	185219	22.368	ug/L	100
34) Trichloroethene	9.092	95	45481	20.800	ug/L	94
35) Methylcyclohexane	9.335	83	63520	19.077	ug/L	98
37) 1,2-Dichloropropane	9.366	63	48482	23.354	ug/L	100
38) Bromodichloromethane	9.640	83	68160	23.525	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	62690	20.035	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	66586	46.093	ug/L	98
42) Toluene	10.384	91	228538	24.201	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	63979	21.513	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	42361	23.337	ug/L	96
46) Tetrachloroethene	10.860	164	37912	22.423	ug/L	90
48) 2-Hexanone	10.969	43	51936	49.380	ug/L	99
49) Dibromochloromethane	11.128	129	48955	23.256	ug/L	99
50) 1,2-Dibromoethane	11.232	107	40187	23.044	ug/L	98
51) Chlorobenzene	11.658	112	150245	23.590	ug/L	94
52) Ethylbenzene	11.731	91	257489	23.994	ug/L	99
53) m,p-Xylene	11.841	106	100172	23.925	ug/L	97
54) o-Xylene	12.164	106	98988	24.618	ug/L	92
55) Styrene	12.176	104	180969	25.476	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	59879	24.184	ug/L #	96
59) Bromoform	12.347	173	29674	25.431	ug/L #	94
60) Isopropylbenzene	12.463	105	261903	24.639	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	40682	23.446	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	215315	24.741	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	214457	24.648	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	120886	25.047	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	119770	23.326	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	114044	25.055	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8473	21.172	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	71605	22.415	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	55604	22.542	ug/L	96
71) Naphthalene	15.365	128	117163	22.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	48452	21.074	ug/L	99

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

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