

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023536.D
 Acq On : 30 Jun 2022 09:39
 Operator : SY/VA
 Sample : VSTD2.534
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5434

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/05/2022

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 Dadoda
 07/05/2022

Quant Time: Jun 30 11:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 02:13:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	316731	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	155416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	6663	1.549	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	6.200%	#	
7) Chloroethane-d5	2.873	69	7842m	2.413	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	9.640%	#	
11) 1,1-Dichloroethene-d2	4.013	63	10732	1.591	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	6.360%	#	
21) 2-Butanone-d5	7.086	46	5662	5.532	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	11.060%	#	
24) Chloroform-d	7.653	84	23001	2.682	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	10.720%	#	
26) 1,2-Dichloroethane-d4	8.305	65	13005	2.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	11.520%	#	
32) Benzene-d6	8.275	84	38300	2.446	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	9.800%	#	
36) 1,2-Dichloropropane-d6	9.274	67	12218	2.617	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	10.480%	#	
41) Toluene-d8	10.323	98	37602	2.457	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	9.840%	#	
43) trans-1,3-Dichloroprop...	10.579	79	5140	2.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	9.720%	#	
47) 2-Hexanone-d5	10.927	63	4160	5.503	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	11.000%	#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12582	2.926	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	11.720%	#	
66) 1,2-Dichlorobenzene-d4	13.847	152	12948	2.398	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	9.600%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	1771m	1.083	ug/L	
3) Chloromethane	2.215	50	7350	1.803	ug/L	95
5) Vinyl chloride	2.355	62	7433	1.204	ug/L #	69
6) Bromomethane	2.769	94	7182	2.047	ug/L	96
8) Chloroethane	2.916	64	6396m	1.977	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	9118	2.061	ug/L #	37
12) 1,1-Dichloroethene	4.031	96	6265	1.637	ug/L #	87
13) Acetone	4.129	43	5141m	7.172	ug/L	
14) Carbon disulfide	4.385	76	13189	1.099	ug/L	100
15) Methyl Acetate	4.672	43	5103m	3.044	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	9747	2.166	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	14629	2.275	ug/L #	95
19) 1,1-Dichloroethane	6.220	63	18556	2.447	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	11031	2.328	ug/L	98
22) 2-Butanone	7.171	43	7326	5.988	ug/L	97
23) Bromochloromethane	7.506	128	5521	2.463	ug/L #	74
25) Chloroform	7.677	83	22127	2.590	ug/L	94
27) 1,2-Dichloroethane	8.403	62	14416	2.624	ug/L	98
29) Cyclohexane	7.945	56	11453	1.777	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.872	97	16627	2.225	ug/L	96
31) Carbon tetrachloride	8.073	117	15324	2.233	ug/L	100
33) Benzene	8.323	78	42929	2.362	ug/L	100
34) Trichloroethene	9.091	95	12007	2.398	ug/L	96
35) Methylcyclohexane	9.335	83	15512	1.947	ug/L	97
37) 1,2-Dichloropropane	9.366	63	11356	2.627	ug/L	99
38) Bromodichloromethane	9.646	83	15403	2.488	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	14113	2.130	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	13570	5.587	ug/L	97
42) Toluene	10.390	91	41829	2.092	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	12898	2.204	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	9515	2.701	ug/L	90
46) Tetrachloroethene	10.859	164	9127	2.309	ug/L	93
48) 2-Hexanone	10.969	43	9770	5.931	ug/L	91
49) Dibromochloromethane	11.122	129	9857	2.295	ug/L	87
50) 1,2-Dibromoethane	11.231	107	8610	2.513	ug/L #	91
51) Chlorobenzene	11.658	112	32705	2.409	ug/L	99
52) Ethylbenzene	11.731	91	47154	2.117	ug/L	96
53) m,p-Xylene	11.835	106	17392	1.975	ug/L	91
54) o-Xylene	12.164	106	16604	2.029	ug/L	99
55) Styrene	12.176	104	27551	1.944	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	12141	2.857	ug/L #	90
59) Bromoform	12.347	173	5570	2.573	ug/L #	97
60) Isopropylbenzene	12.463	105	43467	2.044	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8384	2.907	ug/L	92
62) 1,3,5-Trimethylbenzene	12.944	105	34621	1.986	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	35190	2.046	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	23184	2.368	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	24237	2.411	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	21264	2.409	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.487	75	2096	3.166	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	15696	2.447	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	11380	2.300	ug/L	99
71) Naphthalene	15.365	128	21483	2.288	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	10247	2.395	ug/L	97

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

