

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023537.D
 Acq On : 30 Jun 2022 10:04
 Operator : SY/VA
 Sample : VSTD00535
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005435

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 11:04:00 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	337985	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	317516	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157641	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.349	65	18499	4.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	17.000%#
7) Chloroethane-d5	2.879	69	16303	4.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.840%#
11) 1,1-Dichloroethene-d2	4.019	63	25466	3.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	14.920%#
21) 2-Butanone-d5	7.086	46	11600	11.202	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.400%
24) Chloroform-d	7.647	84	48790	5.622	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	22.480%#
26) 1,2-Dichloroethane-d4	8.305	65	26178	5.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	22.920%#
32) Benzene-d6	8.275	84	85454	5.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	21.760%
36) 1,2-Dichloropropane-d6	9.274	67	25869	5.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	22.120%#
41) Toluene-d8	10.323	98	81502	5.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	21.240%#
43) trans-1,3-Dichloroprop...	10.579	79	10724	5.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	20.240%#
47) 2-Hexanone-d5	10.921	63	8667	11.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	24381	5.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	22.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	27827	5.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	20.320%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.007	85	3730m	2.254	ug/L
3) Chloromethane	2.215	50	15101	3.661	ug/L
5) Vinyl chloride	2.355	62	19695	3.154	ug/L
6) Bromomethane	2.770	94	15969	4.498	ug/L
8) Chloroethane	2.916	64	10593	3.237	ug/L
9) Trichlorofluoromethane	3.239	101	11577	3.539	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	18914	4.226	ug/L
12) 1,1-Dichloroethene	4.038	96	14331	3.702	ug/L
13) Acetone	4.123	43	9819m	13.539	ug/L
14) Carbon disulfide	4.379	76	33638	2.770	ug/L
15) Methyl Acetate	4.678	43	10545m	6.216	ug/L
16) Methylene chloride	4.922	84	25660	5.080	ug/L
17) trans-1,2-Dichloroethene	5.422	96	20469	4.496	ug/L
18) Methyl tert-butyl Ether	5.428	73	29514	4.535	ug/L #
19) 1,1-Dichloroethane	6.208	63	37983	4.950	ug/L
20) cis-1,2-Dichloroethene	7.171	96	22024	4.593	ug/L
22) 2-Butanone	7.171	43	14520	11.731	ug/L
23) Bromochloromethane	7.513	128	11078	4.884	ug/L
25) Chloroform	7.677	83	43809	5.069	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	28594	5.145	ug/L	99
29) Cyclohexane	7.952	56	26042	4.029	ug/L #	94
30) 1,1,1-Trichloroethane	7.866	97	34355	4.586	ug/L	95
31) Carbon tetrachloride	8.067	117	31213	4.537	ug/L	100
33) Benzene	8.323	78	90511	4.967	ug/L	100
34) Trichloroethene	9.092	95	24029	4.787	ug/L	98
35) Methylcyclohexane	9.335	83	34387	4.306	ug/L	96
37) 1,2-Dichloropropane	9.372	63	22339	5.156	ug/L	97
38) Bromodichloromethane	9.646	83	31614	5.094	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	31278	4.708	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	26682	10.958	ug/L	96
42) Toluene	10.384	91	93434	4.661	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	27963	4.767	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	19242	5.450	ug/L	93
46) Tetrachloroethene	10.860	164	17909	4.519	ug/L	96
48) 2-Hexanone	10.963	43	17085	10.345	ug/L	95
49) Dibromochloromethane	11.128	129	21166	4.917	ug/L	93
50) 1,2-Dibromoethane	11.231	107	17230	5.017	ug/L	94
51) Chlorobenzene	11.658	112	66900	4.915	ug/L	98
52) Ethylbenzene	11.731	91	103768	4.647	ug/L	100
53) m,p-Xylene	11.835	106	39290	4.452	ug/L	88
54) o-Xylene	12.164	106	36258	4.419	ug/L	100
55) Styrene	12.182	104	64847	4.564	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	22873	5.369	ug/L	98
59) Bromoform	12.347	173	11410	5.195	ug/L #	98
60) Isopropylbenzene	12.463	105	99704	4.622	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	16460	5.627	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	79094	4.473	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	79807	4.575	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	47978	4.831	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	52357	5.135	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	43904	4.903	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	3699	5.508	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	31773	4.884	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	23219	4.626	ug/L	93
71) Naphthalene	15.365	128	45679	4.797	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	21674	4.995	ug/L	96

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

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