

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101922\
 Data File : VW024944.D
 Acq On : 19 Oct 2022 17:57
 Operator : SY/VA
 Sample : N4757-06MSD
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBWK1MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/20/2022
 Supervised By : Mahesh
 Dadoda

Quant Time: Oct 20 02:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 20 01:56:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	452304	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147473	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	121557	22.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.120%
7) Chloroethane-d5	2.885	69	73309	23.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.840%
11) 1,1-Dichloroethene-d2	4.025	63	257289	22.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.720%
21) 2-Butanone-d5	7.080	46	88981	52.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.260%
24) Chloroform-d	7.647	84	310503	24.339	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	163654	24.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.275	84	638315	27.037	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.160%
36) 1,2-Dichloropropane-d6	9.274	67	196030	27.072	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.280%
41) Toluene-d8	10.323	98	542274	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.360%
43) trans-1,3-Dichloroprop...	10.573	79	75716	27.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.280%
47) 2-Hexanone-d5	10.920	63	70213	57.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145594	25.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	126587	23.489	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.007	85	44103	21.794	ug/L	100
3) Chloromethane	2.221	50	103242	21.905	ug/L	100
5) Vinyl chloride	2.361	62	142041	22.090	ug/L	98
6) Bromomethane	2.776	94	65421	20.948	ug/L	91
8) Chloroethane	2.922	64	56038	20.916	ug/L	99
9) Trichlorofluoromethane	3.251	101	70758	22.246	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	127294	19.656	ug/L	97
12) 1,1-Dichloroethene	4.037	96	131484	21.457	ug/L	98
13) Acetone	4.123	43	84926	71.781	ug/L	99
14) Carbon disulfide	4.385	76	401364	20.052	ug/L	99
15) Methyl Acetate	4.672	43	57939m	20.122	ug/L	
16) Methylene chloride	4.915	84	166377	20.833	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	141452	21.206	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	217527	21.946	ug/L	99
19) 1,1-Dichloroethane	6.214	63	262480	21.270	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	152343	21.133	ug/L	98
22) 2-Butanone	7.171	43	98599	49.955	ug/L	98
23) Bromochloromethane	7.512	128	63903	21.672	ug/L	94
25) Chloroform	7.677	83	257194	21.233	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	161723	20.647	ug/L	99
29) Cyclohexane	7.957	56	225362	20.611	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	204457	23.614	ug/L	99
31) Carbon tetrachloride	8.067	117	177897	23.401	ug/L	99
33) Benzene	8.323	78	594183	23.198	ug/L	100
34) Trichloroethene	9.091	95	144448	22.393	ug/L	96
35) Methylcyclohexane	9.335	83	194483	16.753	ug/L	99
37) 1,2-Dichloropropane	9.366	63	145074	22.727	ug/L	100
38) Bromodichloromethane	9.646	83	180779	22.921	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	213085	23.095	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	173158	45.896	ug/L	99
42) Toluene	10.384	91	584317	22.250	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	176932	23.097	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	100607	22.564	ug/L	97
46) Tetrachloroethene	10.859	164	88419	20.159	ug/L	90
48) 2-Hexanone	10.969	43	135250	52.872	ug/L	99
49) Dibromochloromethane	11.128	129	108966	22.077	ug/L	94
50) 1,2-Dibromoethane	11.237	107	94016	22.383	ug/L	99
51) Chlorobenzene	11.652	112	346705	21.006	ug/L	99
52) Ethylbenzene	11.731	91	607254	20.650	ug/L	97
53) m,p-Xylene	11.835	106	227355	20.349	ug/L	97
54) o-Xylene	12.164	106	222308	20.898	ug/L	99
55) Styrene	12.176	104	373654	20.479	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115827	21.292	ug/L	98
59) Bromoform	12.347	173	53491	27.107	ug/L #	99
60) Isopropylbenzene	12.463	105	543493	22.847	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	86577	26.700	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	442095	21.646	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	425085	21.586	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	182203	18.807	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	192791	19.659	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	173574	20.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17131	24.306	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	82162	12.989	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	57509	11.206	ug/L	97
71) Naphthalene	15.359	128	191853	17.253	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	45821	10.460	ug/L	99

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

Manual Integrations

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