

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061724\
 Data File : VW036106.D
 Acq On : 17 Jun 2024 18:05
 Operator : SY/MD
 Sample : P2909-07MSD
 Misc : 5.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4B84MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jun 18 02:13:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	370166	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110096	25.000	ug/L	0.00

06/22/2024
 Supervised By :Semsettin
 esilyurt

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	156980	23.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
7) Chloroethane-d5	1.526	69	127582	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.040%
11) 1,1-Dichloroethene-d2	2.047	65	63673	21.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.080%
21) 2-Butanone-d5	3.831	46	54322	34.790	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.580%
24) Chloroform-d	4.243	84	276130	23.464	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	4.941	65	152464	24.710	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.840%
32) Benzene-d6	4.953	84	499545	25.933	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	5.985	67	165198	27.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.920%
41) Toluene-d8	7.239	98	412997	24.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.555	79	56411	22.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	8.034	63	32906	40.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	110953	24.476	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	75097	18.601	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.400%#

06/22/2024

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.101	85	150396	22.533	ug/L	100
3) Chloromethane	1.211	50	177223	23.137	ug/L	100
5) Vinyl chloride	1.275	62	197430	24.483	ug/L	99
6) Bromomethane	1.481	94	98676	19.725	ug/L	99
8) Chloroethane	1.542	64	125060	24.950	ug/L	99
9) Trichlorofluoromethane	1.703	101	249272	24.892	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	146156	22.997	ug/L	98
12) 1,1-Dichloroethene	2.060	96	141121	23.807	ug/L	90
13) Acetone	2.140	43	63704m	26.191	ug/L	
14) Carbon disulfide	2.230	76	454570	22.083	ug/L	99
15) Methyl Acetate	2.384	43	58000	19.185	ug/L	99
16) Methylene chloride	2.439	84	294814	35.197	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	144247	22.908	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	379331	26.834	ug/L	98
19) 1,1-Dichloroethane	3.105	63	296816	24.752	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	144648	22.862	ug/L	99
22) 2-Butanone	3.905	43	87084m	42.196	ug/L	
23) Bromochloromethane	4.143	128	81358	25.635	ug/L	99
25) Chloroform	4.272	83	301570	24.448	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	201627	26.182	ug/L	100
29) Cyclohexane	4.577	56	166618	21.594	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	237785	26.840	ug/L	98
31) Carbon tetrachloride	4.728	117	199932	25.724	ug/L	100
33) Benzene	5.005	78	598068	28.217	ug/L	100
34) Trichloroethene	5.831	95	159721	24.588	ug/L	99
35) Methylcyclohexane	6.047	83	166660	18.552	ug/L	99
37) 1,2-Dichloropropane	6.088	63	161709	29.056	ug/L	99
38) Bromodichloromethane	6.429	83	205175	27.854	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	183987	22.103	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	185052	61.201	ug/L	99
42) Toluene	7.313	91	562278	25.962	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	170786	23.754	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	128063	27.810	ug/L	99
46) Tetrachloroethene	7.905	164	98773	20.790	ug/L	99
48) 2-Hexanone	8.079	43	123509	52.249	ug/L	95
49) Dibromochloromethane	8.175	129	133341	26.458	ug/L	100
50) 1,2-Dibromoethane	8.281	107	119710	27.093	ug/L	95
51) Chlorobenzene	8.812	112	308684	20.919	ug/L	100
52) Ethylbenzene	8.947	91	488986	21.103	ug/L	100
53) m,p-Xylene	9.072	106	181298	20.823	ug/L	97
54) o-Xylene	9.477	106	166083	20.228	ug/L	100
55) Styrene	9.493	104	280124	19.347	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.178	83	101702	24.665	ug/L	100
59) Bromoform	9.664	173	77751	37.448	ug/L	99
60) Isopropylbenzene	9.866	105	416914	29.517	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	106286	40.819	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	248155	24.229	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	255298	23.135	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	150477	20.286	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	153780	20.085	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	130290	18.666	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	18124	31.127	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	64286	11.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	37644	8.617	ug/L	96
71) Naphthalene	13.439	128	77026	10.804	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	32614	8.181	ug/L	98

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

