

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022226.D
 Acq On : 08 Mar 2022 14:25
 Operator : SY/VA
 Sample : N1816-08MS
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSD4MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/11/2022

Quant Time: Mar 09 00:25:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	160704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	150480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26575	12.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.720%
7) Chloroethane-d5	2.879	69	27961	16.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	4.019	63	50808	15.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.320%
21) 2-Butanone-d5	7.080	46	22226	63.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.140%
24) Chloroform-d	7.653	84	78131	21.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	38477	20.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.275	84	130984	18.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	9.275	67	40723	20.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	10.323	98	122991	17.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.640%
43) trans-1,3-Dichloroprop...	10.579	79	16315	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.680%
47) 2-Hexanone-d5	10.921	63	19199	60.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	45799	26.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	57842	20.313	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	10678	23.775	ug/L	89
3) Chloromethane	2.215	50	31336	20.361	ug/L	96
5) Vinyl chloride	2.355	62	50072	21.654	ug/L	99
6) Bromomethane	2.776	94	33327	20.636	ug/L	90
8) Chloroethane	2.916	64	30378	23.385	ug/L	99
9) Trichlorofluoromethane	3.251	101	33060	21.058	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	42090	21.974	ug/L	95
12) 1,1-Dichloroethene	4.032	96	34985	21.074	ug/L	95
13) Acetone	4.123	43	13595	47.231	ug/L	70
14) Carbon disulfide	4.379	76	72167	16.768	ug/L	98
15) Methyl Acetate	4.678	43	13812m	21.314	ug/L	
16) Methylene chloride	4.910	84	39668	20.110	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	38975	21.375	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	58934	23.757	ug/L #	80
19) 1,1-Dichloroethane	6.214	63	69070	23.399	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	46754	23.671	ug/L	94
22) 2-Butanone	7.171	43	19189	46.408	ug/L	96
23) Bromochloromethane	7.513	128	22335	23.148	ug/L	95
25) Chloroform	7.671	83	81385	23.629	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	49382	23.278	ug/L	97
29) Cyclohexane	7.958	56	51180	20.437	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	69877	23.081	ug/L	99
31) Carbon tetrachloride	8.067	117	65755	22.853	ug/L	100
33) Benzene	8.324	78	165103	22.693	ug/L	100
34) Trichloroethene	9.092	95	46188	22.173	ug/L	93
35) Methylcyclohexane	9.336	83	66283	20.572	ug/L	100
37) 1,2-Dichloropropane	9.366	63	40132	23.645	ug/L	99
38) Bromodichloromethane	9.646	83	59147	24.300	ug/L	93
39) cis-1,3-Dichloropropene	10.067	75	61469	23.826	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	44228	48.253	ug/L	99
42) Toluene	10.384	91	189790	23.049	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	55338	23.869	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	34888	23.180	ug/L	97
46) Tetrachloroethene	10.860	164	41822	22.919	ug/L	86
48) 2-Hexanone	10.963	43	30862	48.512	ug/L	98
49) Dibromochloromethane	11.128	129	43982	24.058	ug/L	99
50) 1,2-Dibromoethane	11.238	107	33240	22.897	ug/L	98
51) Chlorobenzene	11.658	112	134537	23.477	ug/L	99
52) Ethylbenzene	11.725	91	214687	23.558	ug/L	99
53) m,p-Xylene	11.835	106	89435	23.850	ug/L	91
54) o-Xylene	12.164	106	86881	24.624	ug/L	95
55) Styrene	12.177	104	148560	25.116	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	42023	24.064	ug/L	93
59) Bromoform	12.347	173	25150	21.452	ug/L #	98
60) Isopropylbenzene	12.463	105	234994	22.080	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29605	21.157	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	161246	22.785	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	197811	22.871	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	111573	21.133	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	113341	21.423	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	103478	22.045	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	6281	21.233	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	81366	21.472	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	62656	21.853	ug/L	97
71) Naphthalene	15.359	128	112708	22.268	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55227	22.269	ug/L	96

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

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