

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024400.D
 Acq On : 27 Aug 2022 14:54
 Operator : SY/VA
 Sample : N4346-09MS
 Misc : 5.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVU8MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 01:48:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	372543	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	370658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	192711	18.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
7) Chloroethane-d5	2.873	69	151035	19.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.520%
11) 1,1-Dichloroethene-d2	4.013	63	170754	19.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.074	46	116725	61.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.420%
24) Chloroform-d	7.647	84	315142	26.312	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.240%
26) 1,2-Dichloroethane-d4	8.305	65	191698	26.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.560%
32) Benzene-d6	8.275	84	582112	27.410	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.640%
36) 1,2-Dichloropropane-d6	9.268	67	185765	28.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.520%
41) Toluene-d8	10.323	98	545899	27.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.160%
43) trans-1,3-Dichloroprop...	10.579	79	84660	27.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.560%
47) 2-Hexanone-d5	10.921	63	100576	68.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.100%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	217624	29.103	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	227475	29.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	45225	12.120	ug/L	99
3) Chloromethane	2.215	50	90366	12.962	ug/L	99
5) Vinyl chloride	2.349	62	195199	16.017	ug/L	98
6) Bromomethane	2.764	94	130110	15.210	ug/L	96
8) Chloroethane	2.910	64	102193	16.053	ug/L	98
9) Trichlorofluoromethane	3.245	101	80126	13.982	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	92310	16.794	ug/L	95
12) 1,1-Dichloroethene	4.025	96	79557m	17.878	ug/L	
13) Acetone	4.123	43	42121	37.315	ug/L	100
14) Carbon disulfide	4.373	76	280384	18.959	ug/L	99
15) Methyl Acetate	4.672	43	60454	21.892	ug/L	97
16) Methylene chloride	4.909	84	131171	20.994	ug/L	90
17) trans-1,2-Dichloroethene	5.415	96	117186	22.248	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	203845	23.636	ug/L	97
19) 1,1-Dichloroethane	6.208	63	216386	21.726	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	131031m	22.622	ug/L	
22) 2-Butanone	7.171	43	88488	43.937	ug/L	100
23) Bromochloromethane	7.513	128	63619	22.494	ug/L	93
25) Chloroform	7.671	83	244983	22.169	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	170390	21.183	ug/L #	94
29) Cyclohexane	7.952	56	190323	23.817	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	182580	20.893	ug/L	98
31) Carbon tetrachloride	8.067	117	172436	21.569	ug/L	99
33) Benzene	8.317	78	521546	22.600	ug/L	100
34) Trichloroethene	9.086	95	134464	22.107	ug/L	95
35) Methylcyclohexane	9.329	83	217179	22.255	ug/L	98
37) 1,2-Dichloropropane	9.366	63	130091	21.844	ug/L	98
38) Bromodichloromethane	9.640	83	182848	22.545	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	202290	24.299	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	207916	49.096	ug/L	97
42) Toluene	10.384	91	585819	23.002	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	187402	23.166	ug/L	95
45) 1,1,2-Trichloroethane	10.780	97	112783	23.223	ug/L	92
46) Tetrachloroethene	10.860	164	537342	113.753	ug/L	93
48) 2-Hexanone	10.969	43	149407	47.830	ug/L	97
49) Dibromochloromethane	11.128	129	130849	22.780	ug/L	100
50) 1,2-Dibromoethane	11.231	107	109365	23.423	ug/L #	85
51) Chlorobenzene	11.652	112	378379	22.135	ug/L	99
52) Ethylbenzene	11.725	91	656329	23.310	ug/L	95
53) m,p-Xylene	11.835	106	257188	23.258	ug/L	94
54) o-Xylene	12.164	106	245080	23.709	ug/L	93
55) Styrene	12.176	104	432951	23.694	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	152467	22.492	ug/L	99
59) Bromoform	12.347	173	77908	23.672	ug/L	98
60) Isopropylbenzene	12.463	105	666043	24.452	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	109734	23.661	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	550420	25.061	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	546138	25.600	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	287393	22.068	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	304063	22.114	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	280626	22.987	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24117	20.698	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	182258	21.682	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149402	22.864	ug/L	96
71) Naphthalene	15.359	128	372426	25.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	133078	21.549	ug/L	97

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

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