

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024359.D
 Acq On : 26 Aug 2022 19:05
 Operator : SY/VA
 Sample : N4344-15MSD
 Misc : 5.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVR2MSD

Quant Time: Aug 27 00:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:35:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

08/30/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	191792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	208743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138615	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.343	65	174706	33.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.200%
7) Chloroethane-d5	2.873	69	119260	30.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.440%
11) 1,1-Dichloroethene-d2	4.007	63	108564	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.720%
21) 2-Butanone-d5	7.080	46	58933	60.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.040%
24) Chloroform-d	7.647	84	156730	25.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.680%
26) 1,2-Dichloroethane-d4	8.305	65	103394	27.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	8.275	84	288880	24.154	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	9.274	67	93630	25.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	10.323	98	283236	24.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.640%
43) trans-1,3-Dichloroprop...	10.579	79	45559	26.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.680%
47) 2-Hexanone-d5	10.927	63	54479	65.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135723	32.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.920%#
66) 1,2-Dichlorobenzene-d4	13.853	152	135818	26.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.001	85	52870	27.523	ug/L	100
3) Chloromethane	2.209	50	94581	26.353	ug/L	100
5) Vinyl chloride	2.349	62	191331	30.496	ug/L	98
6) Bromomethane	2.763	94	117292	26.634	ug/L	98
8) Chloroethane	2.910	64	90357	27.570	ug/L	96
9) Trichlorofluoromethane	3.245	101	55055	18.661	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	63926	22.590	ug/L	97
12) 1,1-Dichloroethene	4.025	96	55237m	24.112	ug/L	
13) Acetone	4.123	43	29564	50.873	ug/L	95
14) Carbon disulfide	4.373	76	174132	22.871	ug/L	97
15) Methyl Acetate	4.672	43	35726	25.130	ug/L	94
16) Methylene chloride	4.909	84	72335	22.488	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	61141	22.548	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	114824	25.861	ug/L	96
19) 1,1-Dichloroethane	6.208	63	116211	22.664	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	70501m	23.643	ug/L	
22) 2-Butanone	7.177	43	55840	53.857	ug/L	100
23) Bromochloromethane	7.507	128	33735	23.169	ug/L	91
25) Chloroform	7.671	83	131709	23.151	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	104324	25.192	ug/L	98
29) Cyclohexane	7.952	56	95239	21.163	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	101695	20.664	ug/L	99
31) Carbon tetrachloride	8.067	117	91295	20.277	ug/L	100
33) Benzene	8.323	78	288606	22.207	ug/L	100
34) Trichloroethene	9.086	95	68676	20.049	ug/L	94
35) Methylcyclohexane	9.335	83	114179	20.776	ug/L	99
37) 1,2-Dichloropropane	9.366	63	74424	22.190	ug/L	99
38) Bromodichloromethane	9.640	83	102783	22.503	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	110540	23.577	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129323	54.224	ug/L	98
42) Toluene	10.384	91	342241	23.862	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	111866	24.555	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	66518	24.321	ug/L	96
46) Tetrachloroethene	10.860	164	164666	61.898	ug/L	93
48) 2-Hexanone	10.969	43	104463	59.382	ug/L	98
49) Dibromochloromethane	11.128	129	77255	23.882	ug/L	97
50) 1,2-Dibromoethane	11.231	107	63963	24.325	ug/L	100
51) Chlorobenzene	11.652	112	233050	24.209	ug/L	98
52) Ethylbenzene	11.731	91	406453	25.632	ug/L	99
53) m,p-Xylene	11.841	106	163655	26.280	ug/L	95
54) o-Xylene	12.164	106	160822	27.625	ug/L	95
55) Styrene	12.176	104	308054	29.936	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	103106	27.008	ug/L	95
59) Bromoform	12.347	173	52401	23.556	ug/L	98
60) Isopropylbenzene	12.463	105	439605	23.878	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	76373	24.364	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	360857	24.308	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	368052	25.525	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	196881	22.367	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	208239	22.408	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	200219	24.265	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17592	22.338	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	120496	21.209	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	87467	19.804	ug/L	92
71) Naphthalene	15.365	128	222646	22.954	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	85048	20.375	ug/L	97

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

