

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101521\
 Data File : VW020532.D
 Acq On : 15 Oct 2021 14:34
 Operator : SY/VA
 Sample : M4210-15MSD
 Misc : 3.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE4MSD

Quant Time: Oct 16 06:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 16 06:56:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	206005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	172468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71365	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	63981	21.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.873	69	37990	23.992	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
11) 1,1-Dichloroethene-d2	4.019	63	133012	21.655	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	7.086	46	36180	39.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.320%
24) Chloroform-d	7.653	84	145673	22.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.720%
26) 1,2-Dichloroethane-d4	8.305	65	78764	21.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	8.275	84	272163	23.990	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	9.274	67	88593	23.961	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	236514	23.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.579	79	31835	21.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.927	63	22993	40.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57008	20.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	53212	19.061	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33022	24.806	ug/L	98
3) Chloromethane	2.209	50	66963	24.192	ug/L	98
5) Vinyl chloride	2.355	62	89073	22.880	ug/L	98
6) Bromomethane	2.769	94	37326	22.074	ug/L	97
8) Chloroethane	2.916	64	36265	25.227	ug/L	99
9) Trichlorofluoromethane	3.251	101	49326	22.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	71455	22.619	ug/L	99
12) 1,1-Dichloroethene	4.038	96	66243	22.871	ug/L	90
13) Acetone	4.129	43	30544	36.468	ug/L	100
14) Carbon disulfide	4.379	76	196357	20.842	ug/L	100
15) Methyl Acetate	4.672	43	28845	18.545	ug/L	99
16) Methylene chloride	4.915	84	89242	22.284	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	70672	23.256	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	104432	24.392	ug/L	99
19) 1,1-Dichloroethane	6.220	63	152163	24.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	74940	23.726	ug/L	96
22) 2-Butanone	7.177	43	41694	39.769	ug/L	98
23) Bromochloromethane	7.519	128	31429	22.687	ug/L	97
25) Chloroform	7.677	83	146095	24.123	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	95103	22.959	ug/L	99
29) Cyclohexane	7.958	56	128309	25.411	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	114450	26.712	ug/L	100
31) Carbon tetrachloride	8.067	117	97330	25.838	ug/L	99
33) Benzene	8.323	78	325284	26.480	ug/L	100
34) Trichloroethene	9.092	95	75230	24.859	ug/L	97
35) Methylcyclohexane	9.335	83	113781	21.970	ug/L	99
37) 1,2-Dichloropropane	9.372	63	84253	26.485	ug/L	99
38) Bromodichloromethane	9.646	83	99326	26.042	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	111384	25.378	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	91791	48.074	ug/L	99
42) Toluene	10.390	91	321899	26.125	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	93447	24.151	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	50281	24.617	ug/L	98
46) Tetrachloroethene	10.860	164	50911	23.421	ug/L	92
48) 2-Hexanone	10.969	43	61318	43.771	ug/L	99
49) Dibromochloromethane	11.128	129	54839	24.370	ug/L	99
50) 1,2-Dibromoethane	11.237	107	42969	22.903	ug/L #	95
51) Chlorobenzene	11.658	112	176449	23.223	ug/L	99
52) Ethylbenzene	11.731	91	335274	25.092	ug/L	97
53) m,p-Xylene	11.841	106	125588	25.368	ug/L	99
54) o-Xylene	12.164	106	118714	25.965	ug/L	99
55) Styrene	12.182	104	192478	24.077	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	55438	21.894	ug/L	100
59) Bromoform	12.347	173	27281	27.288	ug/L	99
60) Isopropylbenzene	12.463	105	313016	29.884	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	42943	27.314	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	250668	29.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	239252	28.243	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	102748	22.671	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	101997	21.758	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	90768	21.861	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	8411	25.186	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	55707	17.238	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	36136	14.121	ug/L	98
71) Naphthalene	15.365	128	68015	14.783	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	30449	13.548	ug/L	99

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

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