

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030078.D
 Acq On : 28 Aug 2024 15:57
 Operator : SY/MD
 Sample : P3733-23DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44B9DL

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/29/2024
 Supervised By :Semsettin Yesilyurt 08/29/2024

Quant Time: Aug 29 01:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	192124	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	176889	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54975	19.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.920%
7) Chloroethane-d5	2.899	69	40542	19.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	4.021	65	24964	20.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.760%
21) 2-Butanone-d5	7.075	46	30305	53.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.340%
24) Chloroform-d	7.648	84	111721	21.563	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	8.307	65	58962	22.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.640%
32) Benzene-d6	8.276	84	209319	20.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.276	67	66856	21.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.440%
41) Toluene-d8	10.319	98	189421	19.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.720%
43) trans-1,3-Dichloroprop...	10.575	79	27962	22.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.880%
47) 2-Hexanone-d5	10.922	63	24586	52.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	55150	24.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	61078	19.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.045	96	64862m	26.338	ug/L	
13) Acetone	4.119	43	8884	17.042	ug/L	95
16) Methylene chloride	4.917	84	62972	19.841	ug/L	87
17) trans-1,2-Dichloroethene	5.429	96	53451	19.626	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	48321	11.601	ug/L	97
19) 1,1-Dichloroethane	6.222	63	103570	20.464	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	119104	39.567	ug/L	93
22) 2-Butanone	7.167	43	93805	125.754	ug/L	94
25) Chloroform	7.673	83	176530	34.101	ug/L	98
27) 1,2-Dichloroethane	8.398	62	42105	12.707	ug/L	99
31) Carbon tetrachloride	8.069	117	74983	20.144	ug/L	98
33) Benzene	8.325	78	207237	18.286	ug/L	100
34) Trichloroethene	9.093	95	52042	17.053	ug/L	97
37) 1,2-Dichloropropane	9.368	63	20128	7.013	ug/L	99
38) Bromodichloromethane	9.642	83	131118	36.209	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	167472	37.913	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	85683	59.977	ug/L	95
42) Toluene	10.386	91	188129	15.588	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	83272	23.297	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	25798	12.264	ug/L	94
46) Tetrachloroethene	10.855	164	54204	23.402	ug/L	95
48) 2-Hexanone	10.965	43	73773	72.641	ug/L	92
49) Dibromochloromethane	11.129	129	89851	40.201	ug/L	98
50) 1,2-Dibromoethane	11.233	107	65831	33.504	ug/L #	93
51) Chlorobenzene	11.654	112	57222	7.415	ug/L	96
52) Ethylbenzene	11.727	91	266349	19.477	ug/L	95
53) m,p-Xylene	11.837	106	194006	38.015	ug/L	96
54) o-Xylene	12.160	106	80927	16.522	ug/L	95
55) Styrene	12.178	104	227803	27.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	38943	16.440	ug/L	98
59) Bromoform	12.343	173	14484	10.945	ug/L #	98
61) 1,2,3-Trichloropropane	12.763	75	50123	27.741	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	224600	37.162	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	143019	23.424	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	67724	12.526	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	7833	20.252	ug/L	86
70) 1,2,4-trichlorobenzene	15.123	180	33054	9.679	ug/L	95

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

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