

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023892.D
 Acq On : 19 Jul 2022 18:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Jul 20 01:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 01:17:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	295405	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	285163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	168416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	156558	20.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.879	69	106585	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.013	63	159757m	26.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.000%
21) 2-Butanone-d5	7.080	46	68953	58.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.840%
24) Chloroform-d	7.647	84	234560	27.272	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.080%
26) 1,2-Dichloroethane-d4	8.305	65	129629	24.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.560%
32) Benzene-d6	8.274	84	435132	29.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.400%
36) 1,2-Dichloropropane-d6	9.274	67	130076	29.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.520%
41) Toluene-d8	10.323	98	411573	27.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.480%
43) trans-1,3-Dichloroprop...	10.579	79	54462	26.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.080%
47) 2-Hexanone-d5	10.926	63	61582	65.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	145511	29.488	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	163394	27.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	68586m	34.166	ug/L	
3) Chloromethane	2.215	50	121775	24.771	ug/L	99
5) Vinyl chloride	2.355	62	172138	20.391	ug/L	97
6) Bromomethane	2.769	94	84600	15.494	ug/L	97
8) Chloroethane	2.916	64	79757	20.195	ug/L	98
9) Trichlorofluoromethane	3.245	101	64832	16.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	100039	26.639	ug/L	99
12) 1,1-Dichloroethene	4.031	96	80270	25.634	ug/L	98
13) Acetone	4.129	43	41818	50.541	ug/L	98
14) Carbon disulfide	4.379	76	219428	23.821	ug/L	98
15) Methyl Acetate	4.671	43	51917	28.036	ug/L	97
16) Methylene chloride	4.915	84	110844	23.996	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	96567	25.417	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	158290	26.930	ug/L	98
19) 1,1-Dichloroethane	6.214	63	185471	26.464	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	114413	27.182	ug/L #	93
22) 2-Butanone	7.171	43	74110	54.503	ug/L	98
23) Bromochloromethane	7.512	128	58090	28.729	ug/L	96
25) Chloroform	7.671	83	215028	26.633	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149590	25.174	ug/L	98
29) Cyclohexane	7.951	56	134668	25.821	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	166654	26.991	ug/L	98
31) Carbon tetrachloride	8.061	117	148307	26.646	ug/L	100
33) Benzene	8.323	78	443134	27.345	ug/L	100
34) Trichloroethene	9.091	95	116266	27.170	ug/L	95
35) Methylcyclohexane	9.335	83	169848	26.066	ug/L	97
37) 1,2-Dichloropropane	9.372	63	113954	28.049	ug/L	99
38) Bromodichloromethane	9.646	83	163787	28.886	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	166655	27.216	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	172157	60.896	ug/L	98
42) Toluene	10.384	91	496620	26.872	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	156944	26.966	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	104644	29.458	ug/L	97
46) Tetrachloroethene	10.865	164	85144	25.732	ug/L	92
48) 2-Hexanone	10.969	43	124129	60.306	ug/L	96
49) Dibromochloromethane	11.128	129	120699	29.299	ug/L	93
50) 1,2-Dibromoethane	11.237	107	99654	29.200	ug/L #	94
51) Chlorobenzene	11.652	112	328583	26.362	ug/L	97
52) Ethylbenzene	11.731	91	570521	27.166	ug/L	97
53) m,p-Xylene	11.841	106	222627	27.170	ug/L	92
54) o-Xylene	12.164	106	216602	27.526	ug/L	97
55) Styrene	12.182	104	383800	27.608	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	139256	28.739	ug/L	98
59) Bromoform	12.347	173	71740	28.888	ug/L #	97
60) Isopropylbenzene	12.463	105	577716	25.536	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	96811	26.216	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	483928	26.127	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	490541	26.490	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	271918	26.472	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	282490	25.850	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	270425	27.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	22075	25.917	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	173123	25.464	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	144264	27.479	ug/L	97
71) Naphthalene	15.365	128	342101	30.378	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140936	28.802	ug/L	99

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

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