

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022730.D
 Acq On : 02 May 2022 10:22
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005402

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/03/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 02 23:59:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	310222	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	302084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33693	5.294	ug/L	0.00
7) Chloroethane-d5	2.885	69	19392	4.683	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	42016	5.113	ug/L	0.00
21) 2-Butanone-d5	7.086	46	10785m	8.987	ug/L	0.00
24) Chloroform-d	7.647	84	43116	4.744	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	23937	4.802	ug/L	0.00
32) Benzene-d6	8.275	84	83401	4.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23389	4.782	ug/L	0.00
41) Toluene-d8	10.323	98	76897	4.572	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	10402	4.619	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7598	8.138	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20341	4.462	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26217	4.638	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	8631	5.156	ug/L	93
3) Chloromethane	2.221	50	17864	5.467	ug/L	98
5) Vinyl chloride	2.361	62	35335	5.388	ug/L	92
6) Bromomethane	2.776	94	24645	5.853	ug/L	97
8) Chloroethane	2.922	64	16049	5.074	ug/L	91
9) Trichlorofluoromethane	3.251	101	14931	4.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	24597m	5.512	ug/L	
12) 1,1-Dichloroethene	4.050	96	21252	5.349	ug/L	79
13) Acetone	4.129	43	9919m	12.099	ug/L	
14) Carbon disulfide	4.379	76	57203	5.251	ug/L	99
15) Methyl Acetate	4.684	43	9833m	5.221	ug/L	
16) Methylene chloride	4.922	84	23942	5.274	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	23619	5.282	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	32274	4.739	ug/L	95
19) 1,1-Dichloroethane	6.220	63	39603	5.226	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	24041	5.006	ug/L #	93
22) 2-Butanone	7.177	43	12440	9.833	ug/L	100
23) Bromochloromethane	7.513	128	11326	5.036	ug/L	86
25) Chloroform	7.677	83	42172	5.033	ug/L	95
27) 1,2-Dichloroethane	8.403	62	28648	5.129	ug/L	99
29) Cyclohexane	7.958	56	33770	5.169	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	36144	5.063	ug/L	97
31) Carbon tetrachloride	8.073	117	33317	4.989	ug/L	97
33) Benzene	8.323	78	91701	5.153	ug/L	100
34) Trichloroethene	9.092	95	26486	5.412	ug/L	92
35) Methylcyclohexane	9.335	83	41934	5.216	ug/L	96
37) 1,2-Dichloropropane	9.372	63	22109	5.134	ug/L #	96
38) Bromodichloromethane	9.640	83	30054	4.913	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	32527	4.871	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	25533	9.406	ug/L	98
42) Toluene	10.384	91	101053	5.067	ug/L	92
44) trans-1,3-Dichloropropene	10.604	75	27253	4.572	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18418	5.116	ug/L	95
46) Tetrachloroethene	10.860	164	18951	5.153	ug/L	93
48) 2-Hexanone	10.969	43	16408	9.047	ug/L	99
49) Dibromochloromethane	11.128	129	20495	4.730	ug/L	89
50) 1,2-Dibromoethane	11.238	107	18294	5.061	ug/L	93
51) Chlorobenzene	11.658	112	65875	5.010	ug/L	97
52) Ethylbenzene	11.731	91	110150	4.964	ug/L	99
53) m,p-Xylene	11.835	106	43348	4.958	ug/L	98
54) o-Xylene	12.164	106	40774	4.860	ug/L	97
55) Styrene	12.176	104	66968	4.698	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	22191	4.935	ug/L	99
59) Bromoform	12.347	173	9968	4.349	ug/L #	96
60) Isopropylbenzene	12.463	105	113018	5.101	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	16759	5.186	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	59979	4.866	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	91588	4.949	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	48117	4.865	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	52096	5.099	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	44907	4.961	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	3541	5.014	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.621	180	33060	5.035	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	25500	4.828	ug/L	99
71) Naphthalene	15.359	128	51448	4.482	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	21781	4.653	ug/L	92

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

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