

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024349.D
 Acq On : 26 Aug 2022 12:54
 Operator : SY/VA
 Sample : VSTD10023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100423

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
 Supervised By : Mahesh Dadoda 08/30/2022

Quant Time: Aug 26 23:56:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	344204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	350527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	208172	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	857028	90.325	ug/L	0.00
7) Chloroethane-d5	2.867	69	638402	90.880	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	813002	101.057	ug/L	0.00
21) 2-Butanone-d5	7.080	46	387059	229.571	ug/L	0.00
24) Chloroform-d	7.647	84	1082047	97.783	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	638888	95.204	ug/L	0.00
32) Benzene-d6	8.275	84	2067565	102.948	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.268	67	633224	101.384	ug/L	0.00
41) Toluene-d8	10.323	98	2031314	106.379	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	324383	110.606	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	351696	252.571	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	723160	102.264	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	813942	103.829	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	381794m	107.958	ug/L	
3) Chloromethane	2.209	50	612663	94.970	ug/L	99
5) Vinyl chloride	2.349	62	966362	85.825	ug/L	100
6) Bromomethane	2.751	94	609702	77.146	ug/L	96
8) Chloroethane	2.904	64	489089	82.200	ug/L	100
9) Trichlorofluoromethane	3.245	101	437518	82.638	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	463819	91.659	ug/L #	71
12) 1,1-Dichloroethene	4.025	96	413809	100.650	ug/L	85
13) Acetone	4.123	43	169581	160.590	ug/L	96
14) Carbon disulfide	4.373	76	1253977	91.773	ug/L	100
15) Methyl Acetate	4.665	43	239503	94.152	ug/L	96
16) Methylene chloride	4.903	84	439658	77.200	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	484222	99.501	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	850253	106.704	ug/L	96
19) 1,1-Dichloroethane	6.208	63	845200	91.846	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	541545m	101.193	ug/L	
22) 2-Butanone	7.165	43	361045	194.269	ug/L	100
23) Bromochloromethane	7.513	128	247386	94.669	ug/L	96
25) Chloroform	7.671	83	945080	92.564	ug/L	94
27) 1,2-Dichloroethane	8.396	62	657763	88.505	ug/L	99
29) Cyclohexane	7.951	56	833099	110.242	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	782739	94.715	ug/L	97
31) Carbon tetrachloride	8.067	117	723789	95.734	ug/L	99
33) Benzene	8.323	78	2137468	97.971	ug/L	100
34) Trichloroethene	9.091	95	550904	95.777	ug/L	97
35) Methylcyclohexane	9.335	83	981785	106.369	ug/L	98
37) 1,2-Dichloropropane	9.366	63	522721	93.300	ug/L	99
38) Bromodichloromethane	9.640	83	733190	95.594	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	875942	111.260	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	858152	216.486	ug/L	97
42) Toluene	10.384	91	2428262	100.822	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	821047	107.326	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	439866	95.773	ug/L	96
46) Tetrachloroethene	10.859	164	451829	101.144	ug/L	96
48) 2-Hexanone	10.969	43	622795	210.877	ug/L	97
49) Dibromochloromethane	11.128	129	563304	103.698	ug/L	100
50) 1,2-Dibromoethane	11.237	107	444664	100.706	ug/L	96
51) Chlorobenzene	11.658	112	1585176	98.059	ug/L	99
52) Ethylbenzene	11.725	91	2741730	102.966	ug/L	98
53) m,p-Xylene	11.835	106	1122620	107.353	ug/L	93
54) o-Xylene	12.164	106	1079342	110.411	ug/L	92
55) Styrene	12.176	104	1933835	111.911	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	611401	95.373	ug/L	99
59) Bromoform	12.347	173	347760	104.097	ug/L	100
60) Isopropylbenzene	12.463	105	2917676	105.525	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	434367	91.938	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	2508150	112.501	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2453907	113.318	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1278733	96.731	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	1290073	92.434	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1219934	98.448	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	104700	88.524	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	828689	97.123	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	706616	106.534	ug/L	96
71) Naphthalene	15.365	128	1765126	121.173	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	663287	105.809	ug/L	99

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

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