

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024522.D
 Acq On : 02 Sep 2022 09:35
 Operator : SY/VA
 Sample : VSTD2.525
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5425

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 02 23:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:31:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	329030	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	309477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	16366	2.492	ug/L	0.00
7) Chloroethane-d5	2.873	69	12151	2.485	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	20209	2.613	ug/L	0.00
21) 2-Butanone-d5	7.092	46	5777	5.505	ug/L	0.02
24) Chloroform-d	7.647	84	24212	2.763	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13444	2.841	ug/L	0.00
32) Benzene-d6	8.275	84	43246	2.679	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	13309	2.817	ug/L	0.00
41) Toluene-d8	10.323	98	38169	2.483	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	5309	2.576	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3800	4.696	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11838	2.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13072	2.669	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	1915m	2.132	ug/L	
3) Chloromethane	2.215	50	12384	2.703	ug/L	97
5) Vinyl chloride	2.349	62	23502	2.901	ug/L	92
6) Bromomethane	2.769	94	15534	2.816	ug/L	89
8) Chloroethane	2.904	64	11729	2.727	ug/L	96
9) Trichlorofluoromethane	3.239	101	6711m	2.187	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	13024	2.831	ug/L	98
12) 1,1-Dichloroethene	4.038	96	11043m	2.723	ug/L	
13) Acetone	4.117	43	4949	6.141	ug/L	97
14) Carbon disulfide	4.367	76	30677	2.746	ug/L	100
15) Methyl Acetate	4.672	43	5674m	3.097	ug/L	
17) trans-1,2-Dichloroethene	5.415	96	11878	2.636	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	18725	2.399	ug/L #	68
19) 1,1-Dichloroethane	6.208	63	22214	2.722	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	12862	2.622	ug/L	93
22) 2-Butanone	7.177	43	7394m	5.649	ug/L	
23) Bromochloromethane	7.513	128	6379	2.803	ug/L	80
25) Chloroform	7.671	83	24787	2.766	ug/L	97
27) 1,2-Dichloroethane	8.397	62	15821	2.688	ug/L	97
29) Cyclohexane	7.958	56	16288	2.535	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	19311	2.759	ug/L	99
31) Carbon tetrachloride	8.073	117	17467	2.752	ug/L	97
33) Benzene	8.323	78	50396	2.738	ug/L	100
34) Trichloroethene	9.085	95	13689	2.802	ug/L	91
35) Methylcyclohexane	9.335	83	19555	2.530	ug/L	97
37) 1,2-Dichloropropane	9.372	63	12196	2.750	ug/L #	90
38) Bromodichloromethane	9.646	83	16156	2.577	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	15833	2.371	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	13600	4.931	ug/L	97
42) Toluene	10.384	91	50347	2.512	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	13593	2.270	ug/L	95
45) 1,1,2-Trichloroethane	10.780	97	9829	2.655	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.853	164	8928	2.501	ug/L	94
48) 2-Hexanone	10.963	43	8395m	4.672	ug/L	94
49) Dibromochloromethane	11.128	129	10658	2.450	ug/L	91
50) 1,2-Dibromoethane	11.231	107	9050	2.581	ug/L #	95
51) Chlorobenzene	11.658	112	36140	2.657	ug/L	92
52) Ethylbenzene	11.725	91	54491	2.429	ug/L	97
53) m,p-Xylene	11.841	106	20587	2.347	ug/L	93
54) o-Xylene	12.164	106	19514	2.324	ug/L	97
55) Styrene	12.176	104	31816	2.181	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	12141	2.650	ug/L	94
59) Bromoform	12.347	173	5304	2.440	ug/L #	99
60) Isopropylbenzene	12.463	105	50907	2.405	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8307	2.748	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	39882	2.284	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	37421	2.190	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	23310	2.472	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	26249	2.718	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	21493	2.469	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.475	75	2080	3.040	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.621	180	15242	2.515	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	10224	2.206	ug/L	96
71) Naphthalene	15.359	128	19717	2.012	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	9624	2.302	ug/L	98

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

