

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079810.D
 Acq On : 10 Sep 2024 12:28
 Operator : RP/MD
 Sample : VSTD02539
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025839

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Sep 11 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 05:27:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	193719	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209891	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.498	152	394550	25.000	ug/L	-0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	196706	32.885	ug/L	0.00
7) Chloroethane-d5	2.799	69	151142	29.248	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	34576	29.563	ug/L	0.00
21) 2-Butanone-d5	6.987	46	36174	53.350	ug/L	0.00
24) Chloroform-d	7.569	84	158538	26.352	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	80877	27.264	ug/L	0.00
32) Benzene-d6	8.199	84	328475	24.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	97189	24.648	ug/L	0.00
41) Toluene-d8	10.269	98	348487	29.373	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	45980	26.542	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	39357	60.285	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83205	22.714	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	90318	5.817	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	86928	26.173	ug/L	99
3) Chloromethane	2.146	50	152976	30.299	ug/L	98
5) Vinyl chloride	2.281	62	194462	29.859	ug/L	99
6) Bromomethane	2.693	94	98224	23.581	ug/L	97
8) Chloroethane	2.834	64	120787	27.885	ug/L	95
9) Trichlorofluoromethane	3.175	101	133147	28.282	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	75243	25.851	ug/L	97
12) 1,1-Dichloroethene	3.934	96	67352	24.895	ug/L #	76
13) Acetone	4.022	43	52765	88.016	ug/L	98
14) Carbon disulfide	4.263	76	216725	22.713	ug/L	99
15) Methyl Acetate	4.569	43	38468	31.000	ug/L #	75
16) Methylene chloride	4.805	84	86620	18.101	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	75285	25.182	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	178677	27.942	ug/L	98
19) 1,1-Dichloroethane	6.110	63	146270	27.865	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	82607	24.509	ug/L	93
22) 2-Butanone	7.081	43	58585	70.921	ug/L	99
23) Bromochloromethane	7.428	128	36322	22.636	ug/L	97
25) Chloroform	7.593	83	158942	27.233	ug/L	100
27) 1,2-Dichloroethane	8.328	62	99202	29.642	ug/L	98
29) Cyclohexane	7.875	56	128757	33.597	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	136701	28.901	ug/L	100
31) Carbon tetrachloride	7.993	117	118157	27.736	ug/L	100
33) Benzene	8.252	78	349764	25.818	ug/L	100
34) Trichloroethene	9.028	95	77643	23.682	ug/L	93
35) Methylcyclohexane	9.269	83	133380	26.958	ug/L	98
37) 1,2-Dichloropropane	9.304	63	96263	26.886	ug/L	100
38) Bromodichloromethane	9.581	83	125712	27.990	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	152939	29.081	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	111742	63.522	ug/L	99
42) Toluene	10.334	91	396816	27.537	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	132493	28.833	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.728	97	67044	22.985	ug/L	92
46) Tetrachloroethene	10.804	164	57144	22.838	ug/L	95
48) 2-Hexanone	10.916	43	108158	81.173	ug/L	99
49) Dibromochloromethane	11.069	129	75089	23.760	ug/L	99
50) 1,2-Dibromoethane	11.175	107	62745	23.129	ug/L #	99
51) Chlorobenzene	11.604	112	238152	24.913	ug/L	98
52) Ethylbenzene	11.681	91	438194	29.234	ug/L	100
53) m,p-Xylene	11.793	106	162650	27.819	ug/L	83
54) o-Xylene	12.116	106	161303	27.468	ug/L	96
55) Styrene	12.134	104	286723	27.588	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	87920	24.711	ug/L	98
59) Bromoform	12.298	173	40152	5.233	ug/L	95
60) Isopropylbenzene	12.416	105	440426	8.014	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	64882	7.484	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	360034	8.897	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	357662	8.391	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	180626	6.829	ug/L	98
65) 1,4-Dichlorobenzene	13.516	146	891676	32.151	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	160767	6.343	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.439	75	106709m	59.171	ug/L	
69) 1,3,5-Trichlorobenzene	14.592	180	110817	6.708	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	101321	7.393	ug/L	100
71) Naphthalene	15.328	128	238415	7.916	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	87947	6.837	ug/L	99

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

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