

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079682.D
 Acq On : 08 Aug 2024 22:11
 Operator : RP/MD
 Sample : P3393-05MS
 Misc : 7.17G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-2.5-3-072624MS

Quant Time: Aug 09 01:15:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	154074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	304932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	101017	64.537	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.080%			
35) Dibromofluoromethane	7.804	113	110548	53.562	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.120%			
50) Toluene-d8	10.269	98	428167	53.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.840%			
62) 4-Bromofluorobenzene	12.569	95	108896	46.951	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59530	49.312	ug/l	98
3) Chloromethane	2.146	50	136339	61.294	ug/l	97
4) Vinyl Chloride	2.281	62	161749	61.158	ug/l	96
5) Bromomethane	2.693	94	99605	60.206	ug/l	98
6) Chloroethane	2.834	64	114897	67.607	ug/l	96
7) Trichlorofluoromethane	3.175	101	143766	54.660	ug/l	98
8) Diethyl Ether	3.593	74	53427	67.245	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	84978	51.083	ug/l	94
10) Methyl Iodide	4.163	142	95438	47.484	ug/l	94
11) Tert butyl alcohol	5.063	59	24162	333.029	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	93424	56.119	ug/l	94
14) Allyl chloride	4.557	41	139659	63.531	ug/l #	84
15) Acrylonitrile	5.251	53	105053	282.960	ug/l	96
16) Acetone	4.022	43	31047	102.064	ug/l	98
17) Carbon Disulfide	4.269	76	265858	48.381	ug/l	98
18) Methyl Acetate	4.563	43	180278	190.881	ug/l #	84
19) Methyl tert-butyl Ether	5.322	73	219165	64.496	ug/l	98
20) Methylene Chloride	4.799	84	149983	70.657	ug/l #	82
21) trans-1,2-Dichloroethene	5.310	96	111577	59.662	ug/l	91
22) Diisopropyl ether	6.216	45	310196	63.420	ug/l #	92
23) Vinyl Acetate	6.216	43	157430	42.817	ug/l #	63
24) 1,1-Dichloroethane	6.116	63	212162	64.728	ug/l	95
25) 2-Butanone	7.081	43	24509	56.831	ug/l	100
26) 2,2-Dichloropropane	7.075	77	114394	43.147	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	145882	68.245	ug/l	90
28) Bromochloromethane	7.428	49	89245	62.091	ug/l #	67
29) Tetrahydrofuran	7.445	42	79795	298.562	ug/l #	81
30) Chloroform	7.598	83	213569	64.341	ug/l	94
31) Cyclohexane	7.881	56	136053	52.337	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	166423	60.761	ug/l	99
36) 1,1-Dichloropropene	8.010	75	136602	48.491	ug/l	95
37) Ethyl Acetate	7.181	43	9601	8.313	ug/l #	74
38) Carbon Tetrachloride	7.992	117	139544	47.121	ug/l	99
39) Methylcyclohexane	9.275	83	144497	42.990	ug/l	92
40) Benzene	8.251	78	478886	53.522	ug/l	97
41) Methacrylonitrile	7.428	41	28373m	44.660	ug/l	

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42) 1,2-Dichloroethane	8.328	62	112768	52.890	ug/l	95
43) Isopropyl Acetate	8.369	43	24086	11.096	ug/l #	57
44) Trichloroethene	9.028	130	169015	75.883	ug/l	86
45) 1,2-Dichloropropane	9.304	63	122801	56.398	ug/l	94
46) Dibromomethane	9.392	93	60717	50.300	ug/l	90
47) Bromodichloromethane	9.587	83	156014	52.637	ug/l	95
48) Methyl methacrylate	9.381	41	67522	69.506	ug/l #	83
49) 1,4-Dioxane	9.381	88	11856	947.882	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	231417	208.812	ug/l	94
52) Toluene	10.334	92	289895	52.388	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	120200	43.914	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151037	45.875	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	80701	50.752	ug/l	93
56) Ethyl methacrylate	10.598	69	12465	6.616	ug/l #	68
57) 1,3-Dichloropropane	10.875	76	139701	51.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	198817	228.817	ug/l	89
59) 2-Hexanone	10.916	43	37157	48.073	ug/l	91
60) Dibromochloromethane	11.075	129	94533	45.509	ug/l	98
61) 1,2-Dibromoethane	11.181	107	66102	44.373	ug/l	92
64) Tetrachloroethene	10.810	164	80262	45.267	ug/l	94
65) Chlorobenzene	11.604	112	290905	49.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	102054	53.272	ug/l	98
67) Ethyl Benzene	11.681	91	504548	52.932	ug/l	100
68) m/p-Xylenes	11.792	106	374636	99.065	ug/l	92
69) o-Xylene	12.122	106	185342	53.469	ug/l	92
70) Styrene	12.133	104	239856	39.469	ug/l	94
71) Bromoform	12.298	173	47014	43.411	ug/l #	99
73) Isopropylbenzene	12.422	105	452795	53.779	ug/l	98
74) N-amyl acetate	12.233	43	1876	1.141	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.669	83	87109	59.975	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	52233m	53.448	ug/l	
77) Bromobenzene	12.698	156	100978	53.864	ug/l	85
78) n-propylbenzene	12.763	91	515058	55.113	ug/l	96
79) 2-Chlorotoluene	12.845	91	305128	58.636	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	359575	57.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	21403	41.771	ug/l	98
82) 4-Chlorotoluene	12.945	91	291324	53.702	ug/l	96
83) tert-Butylbenzene	13.163	119	307140	50.847	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	354589	50.565	ug/l	98
85) sec-Butylbenzene	13.345	105	426893	51.535	ug/l	99
86) p-Isopropyltoluene	13.457	119	287196	37.676	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	185254	47.706	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	179194	46.937	ug/l	96
89) n-Butylbenzene	13.786	91	259191	36.882	ug/l	98
90) Hexachloroethane	14.051	117	72229	49.852	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	167438	50.452	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10391	53.768	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	68737	32.873	ug/l	98
94) Hexachlorobutadiene	15.198	225	28809	25.527	ug/l	97
95) Naphthalene	15.327	128	156528	43.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	60027	32.635	ug/l	98

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

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